

**NAVY TRAINING SYSTEM PLAN**

**FOR THE**

**H-1 UPGRADES PROGRAM**

**(AH-1Z and UH-1Y)**

**N88-NTSP-A-50-9602A/A**

**JANUARY 2002**

## H-1 UPGRADES PROGRAM (AH-1Z and UH-1Y)

### EXECUTIVE SUMMARY

The United States Marine Corps Aviation Plan requires the H-1 Helicopters to operate through Fiscal Year (FY) 30 when a Joint Replacement Aircraft is expected to be available. The AH-1Z and the UH-1Y will be an upgraded, remanufactured version of the current AH-1W and UH-1N Helicopters, with a “zero-time” airframe. A major benefit of the H-1 Upgrade Program (AH-1Z and UH-1Y) is the commonality of approximately 85 percent of the major components between both models, thereby reducing logistics support, maintenance workload, and training requirements. The AH-1Z and the UH-1Y will have common T700-GE-401 Engines, Auxiliary Power Units, gearboxes, drivetrains, and tail booms. Both the AH-1Z and UH-1Y Helicopters will incorporate a modified four-bladed main and tail rotor system. The replacement of the two-bladed rotor system with a common four-bladed rotor system will achieve improved performance, reliability, and maintainability.

The H-1 Upgrade Program (AH-1Z and UH-1Y) is an Acquisition Category 1D program. The System Development and Demonstration Phase of the Defense Acquisition System began in FY97. The Production and Deployment Operations and Support Phase is planned to begin in FY04. Initial Operating Capability for both the AH-1Z and UH-1Y is scheduled for FY06.

The maintenance concept for the AH-1Z and UH-1Y Helicopters is not expected to change and will continue to be performed by Marine Corp personnel at the organizational and intermediate levels. However, a Level of Repair Analysis will be initiated and performed concurrently with the Engineering Manufacturing Development, Integrated Test and Evaluation, and Operational Test and Evaluation. Contractor Logistics Support (CLS) will be used as part of the AH-1Z and UH-1Y aircraft support package. The exact details of the CLS are not currently available.

Based on a comprehensive analysis of the design improvements of AH-1Z and UH-1Y components, a typical Marine Light Attack Helicopter (HMLA) squadron’s manpower requirements will not be increased. The HMLA Marine Aviation Logistics Squadron augment manpower requirements will not change.

AH-1W and UH-1N maintenance training is currently provided by Marine Helicopter Training Squadron (HMT)-303 Naval Aviation Maintenance Training Marine Unit (NAMTRA MARUNIT) (formerly FREST), Marine Corps Air Station (MCAS) Camp Pendleton, California. AH-1Z and UH-1Y maintenance training will also be provided by HMT-303 NAMTRA MARUNIT. AH-1Z and UH-1Y aircrew training will be provided by HMT-303 Fleet Readiness Squadron, MCAS Camp Pendleton. Bell Helicopter Textron, Inc., is contracted to provide initial aircrew and maintenance training, and to develop or modify existing AH-1W and UH-1N training courses for follow-on training.

**H-1 UPGRADES PROGRAM (AH-1Z and UH-1Y)**

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**H-1 UPGRADES PROGRAM (AH-1Z and UH-1Y)**

**LIST OF ACRONYMS**

|             |  |
|-------------|--|
| ACP         | Armament Control Panel                         |
| AFC         | Airframe Change                                |
| AFCS        | Automatic Flight Control System                |
| AGO         | Aerial Gunner/Observer                         |
| AM/FM       | Amplitude Modulation/Frequency Modulation      |
| AMTCS       | Aviation Maintenance Training Continuum System |
| AMU         | Advanced Memory Unit                           |
| ANVIS       | Aviators Night Vision Imaging System           |
| APT         | Aircrew Procedures Trainer                     |
| APU         | Auxiliary Power Unit                           |
| ASPA        | Aircraft Service Period Adjustment             |
| AVT         | Avionics Trainer                               |
| AWIRT       | Aircraft Wiring Interface Remote Terminal      |
| <br>        |  |
| BHTI        | Bell Helicopter Textron Incorporated           |
| <br>        |  |
| CAI         | Computer-Aided Instruction                     |
| CBT         | Computer-Based Training                        |
| CID         | Cockpit Integration Development                |
| CIFF        | Common IFF                                     |
| CIN         | Course Identification Number                   |
| CINCLANTFLT | Commander in Chief Atlantic Fleet              |
| CINCPACFLT  | Commander in Chief Pacific Fleet               |
| CLS         | Contractor Logistics Support                   |
| CMC         | Commandant Marine Corps                        |
| CMS         | Cockpit Management System                      |
| CMT         | Composite Maintenance Trainer                  |
| CNET        | Chief of Naval Education and Training          |
| CNO         | Chief of Naval Operations                      |
| COMM/NAV    | Communication/Navigation                       |
| COMSEC      | Communication Security                         |
| COTS        | Commercial Off-The-Shelf                       |
| <br>        |  |
| DF          | Direction Finder                               |
| DoD         | Department of Defense                          |
| DT&E        | Developmental Test and Evaluation              |
| <br>        |  |
| EAT         | Electrical/Armament Trainer                    |

**H-1 UPGRADES PROGRAM (AH-1Z and UH-1Y)**

**LIST OF ACRONYMS**

|       |  |
|-------|--|
| ECM   | Electronic Countermeasures                 |
| EGI   | Embedded GPS and Inertial Navigation       |
| EMD   | Engineering and Manufacturing Development  |
| EMI   | Electromagnetic Interference               |
| ERRT  | Engine Remove/Replace Trainer              |
| ESM   | Electronic System Countermeasures          |
| EW    | Electronic Warfare                         |
|       |  |
| FIR   | Flight Incident Recorder                   |
| FDR   | Flight Data Recorder                       |
| FLIR  | Forward Looking Infrared                   |
| FMS   | Foreign Military Sales                     |
| FOC   | Full Operational Capability                |
| FOT&E | Follow-on Operational Test and Evaluation  |
| FREST | Fleet Replacement Enlisted Skills Training |
| FRS   | Fleet Readiness Squadron                   |
| FY    | Fiscal Year                                |
|       |  |
| GPS   | Global Positioning System                  |
|       |  |
| HMLA  | Marine Light Attack Helicopter             |
| HMT   | Marine Helicopter Training Squadron        |
| HMX   | Marine Helicopter Squadron                 |
| HOD   | Head-Out Display                           |
| HSS   | Helmet Sight Subsystem                     |
| HUD   | Head-Up Display                            |
| HUMS  | Health and Monitoring System               |
|       |  |
| IAS   | Integrated Avionics Suites                 |
| ICP   | Integrated Cockpit                         |
| ICU   | Interface Control Unit                     |
| ICW   | Interactive Courseware                     |
| IDAS  | Improved Defense Armament Subsystem        |
| IFF   | Identification Friend or Foe               |
| IHDSS | Integrated Helmet Display and Sight System |
| IMA   | Intermediate Maintenance Activity          |
| IMD   | Integrated Mechanical Diagnostics          |
| IOC   | Initial Operational Capability             |

**H-1 UPGRADES PROGRAM (AH-1Z and UH-1Y)**

**LIST OF ACRONYMS**

|                 |   |
|-----------------|---|
| IOS             | Instructor Operator Station                                 |
| IPT             | Integrated Product Team                                     |
| IR              | Infrared  |
| IT&E            | Integrated Test and Evaluation                              |
| JTF             | Joint Task Force  |
| kHz             | kilohertz   |
| LDS             | Laser Detecting Set   |
| LFD             | Limited Functional Display                                  |
| LSAR            | Logistics Support Analysis Requirements                     |
| MAGTF           | Marine Air-Ground Task Force                                |
| MALS            | Marine Aviation Logistics Squadron                          |
| MATMEP          | Maintenance Training Management and Evaluation Program      |
| MCAS            | Marine Corps Air Station                                    |
| MCCDC           | Marine Corps Combat Development Command                     |
| MCO             | Marine Corps Order  |
| MFD             | Multi-Functional Display                                    |
| MOS             | Military Occupational Specialty                             |
| MSD             | Material Support Date                                       |
| MTIP            | Maintenance Training Improvement Program                    |
| MTU             | Maintenance Training Unit                                   |
| MWS             | Missile Warning Set   |
| NA              | Not Applicable  |
| NAMP            | Naval Aviation Maintenance Program                          |
| NAMTRA MARUNIT  | Naval Aviation Maintenance Training Marine Unit             |
| NAMTRAU         | Naval Air Maintenance Training Unit                         |
| NAS             | Naval Air Station   |
| NATOPS          | Naval Air Training and Operating Procedures Standardization |
| NAVAIRSYSCOM    | Naval Air Systems Command                                   |
| NAVPERSCOM      | Naval Personnel Command                                     |
| NAVRWAIRTESTRON | Naval Rotary Wing Aircraft Test Squadron                    |
| NTIS            | Navigational Thermal Imaging System                         |
| NTP             | Navy Training Plan  |
| NTS             | Night Targeting System                                      |

**H-1 UPGRADES PROGRAM (AH-1Z and UH-1Y)**

**LIST OF ACRONYMS**

|             |   |
|-------------|---|
| NTSP        | Navy Training System Plan   |
| NVD         | Night Vision Device   |
| NVG         | Night Vision Goggles  |
| OA          | Operational Assessment  |
| OPNAV       | Office of Naval Operations  |
| OPNAVINST   | Office of Naval Operations Instruction                              |
| OPO         | OPNAV Principal Official  |
| ORD         | Operational Requirement Document                                    |
| OT&E        | Operational Test and Evaluation                                     |
| PGM         | Precision Guided Missiles   |
| PMA         | Program Manager, Air  |
| POE         | Projected Operational Environment                                   |
| PTT         | Part Task Trainer   |
| RADALT      | Radar Altimeter   |
| RFT         | Ready For Training  |
| ROC         | Required Operational Capabilities                                   |
| RSDS        | Radar Signal Detection Set  |
| RSS         | Reflex Sighting System  |
| RT          | Receiver-Transmitter  |
| SATCOM      | Satellite Communication   |
| SCAS        | Stability Control Augmentation System                               |
| SE          | Support Equipment   |
| SEIPT       | Support Equipment Integrated Product Team                           |
| STAR SAFIRE | Staring Array Shipboard/Airborne Forward Looking Infrared Equipment |
| TACAN       | Tactical Air Navigation   |
| TAMMAC      | Tactical Moving Map Capability                                      |
| TBD         | To Be Determined  |
| TD          | Training Device   |
| T/O         | Table of Organization   |
| TOW         | Tube Launched Optically-Tracked Wire-Guided                         |
| T&R         | Training and Readiness  |
| TSS         | Target Sight System   |

**H-1 UPGRADES PROGRAM (AH-1Z and UH-1Y)**

**LIST OF ACRONYMS**

|      |  |
|------|--|
| TTE  | Technical Training Equipment               |
| UHF  | Ultra High Frequency                       |
| USMC | United States Marine Corps                 |
| VHF  | Very High Frequency                        |
| VMAT | Fixed Wing Marine Attack Training Squadron |
| VMF  | Variable Message Format                    |
| VX   | Air Flight Test and Evaluation Squadron    |
| WRA  | Weapon Replaceable Assembly                |
| WST  | Weapon System Trainer                      |

## **H-1 UPGRADES PROGRAM (AH-1Z and UH-1Y)**

### **PREFACE**

This Approved Navy Training System Plan (NTSP) has been developed to update the Draft H-1 Upgrades Program Navy Training Plan A-50-9602/D, dated May 2001. This NTSP provides the latest information about the AH-1W and UH-1N upgrade to the AH-1Z and UH-1Y models, including training, manpower, Training Devices (TD), aircraft and TD delivery and modification schedules, and points of contact. This document complies with guidelines in the Navy Training Requirements Documentation Manual, Office of Naval Operations (OPNAV) Publication P-751-1-9-97.

Two variations of the H-1N are currently in use. The UH-1 Helicopter is used by the Marine Corps as a tactical and assault platform and the HH-1 is used by the Navy as a search and rescue vehicle.

The HH-1 Helicopter will not receive the four-blade rotor system or combat modifications; therefore, this NTSP primarily addresses the USMC H-1 Upgrades Program (AH-1Z and UH-1Y). However, the HH-1 pilot and maintenance training is provided by HMT-303 Naval Aviation Maintenance Training Marine Unit (NAMTRA MARUNIT) and HMT-303 Fleet Readiness Squadron (FRS) located at Marine Corps Air Station (MCAS) Camp Pendleton, California. Naval Air Maintenance Training Group Detachment 1030, in conjunction with the NAMTRA MARUNIT and the FRS, will be the H-1 Helicopter Model Manager and training site for inter-service training at MCAS Camp Pendleton.

HMT-303 Table of Organization (T/O) 8590 changes have been incorporated to reflect the newly developed Naval Aviation Maintenance Training Marine Unit (NAMTRA MARUNIT), MCAS Camp Pendleton, T/O 8596. In Fiscal Year (FY) 02, HMT-303 FREST will be renamed NAMTRA MARUNIT and deleted from T/O 8590.

This NTSP also incorporates comments of a general nature received from:

- Deputy Program Manager Logistics, Program Manager, Air (PMA) 272 (3.1)
- Support Equipment Project Officer, Naval Air Weapons Center, Aircraft Division (NAWCAD) (1.1X7.3L)
- Marine Helicopter Training Squadron (HMT)-303 Aviation Ground Training, Officer In Charge (OIC)

**PART I - TECHNICAL PROGRAM DATA**

**A. NOMENCLATURE-TITLE-PROGRAM**

1. **Nomenclature-Title-Acronym.** H-1 Upgrades Program (AH-1Z and UH-1Y)
2. **Program Element.** 0603266N

**B. SECURITY CLASSIFICATION**

1. **System Characteristics** ..... Unclassified
2. **Capabilities** ..... Unclassified
3. **Functions**..... Unclassified

**C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS**

- OPNAV Principal Official (OPO) Program Sponsor..... CNO (N780F4)
- OPO Resource Sponsor ..... CNO (N785D1)
- Functional Mission Sponsor ..... CNO (N789H)
- Marine Corps Program Sponsor..... CMC (APW-53)
- Developing Agency..... NAVAIRSYSCOM (PMA276)
- Training Agency ..... CINCLANTFLT (N721)  
CINCPACFLT (N70)  
CNET (ETE-32)  
MCCDC (C473)
- Training Support Agency ..... NAVAIRSYSCOM (PMA205)
- Manpower and Personnel Mission Sponsor ..... CNO (N12)  
NAVPERSCOM (PERS-4, PERS-404)  
CMC (ASM, ASL)
- Director of Naval Training ..... CNO (N795)
- Manpower Structure Management ..... MCCDC (C53)  
CMC (ASM-1)

## D. SYSTEM DESCRIPTION

**1. Operational Uses.** The H-1 Upgrades Program (AH-1Z and UH-1N) will incorporate modern designs into the existing fleet of AH-1W and UH-1N Helicopters, which will convert them to 180 AH-1Z and 100 UH-1Y Helicopters, respectively. The H-1 Helicopter upgrades include: 10,000 flight hour airframes, new completely integrated glass cockpits, and a highly maneuverable and reliable four-bladed rotor system with an upgraded drivetrain common to both models. The USMC Aviation Plan requires the H-1 Helicopter to operate through at least FY30 when a Joint Replacement Aircraft is expected to be available. To be operationally effective through FY30, both helicopters require performance improvements. The H-1 Helicopter upgrade will satisfy this requirement. An additional benefit of the H-1 Upgrades Program is the commonality of approximately 85 percent of the major components between the two models (AH-1Z and UH-1N). The upgraded and re-designated AH-1Z and UH-1Y will not change the operational use of either helicopter. Both helicopters will realize dramatic performance improvements over the existing platforms to include: increased range, payload, speed, crash survivability, ballistic tolerance, and high altitude, hot day performance. The AH-1W and the UH-1N have, and the AH-1Z and UH-1Y will have the following missions:

**a. AH-1Z.** The AH-1W is and the AH-1Z will be an armed tactical helicopter capable of operating from ships and remote bases. The AH-1W primary mission is to provide armed reconnaissance, combat support, and anti-armor, anti-helicopter, and anti-fixed wing defense. This includes threats from surface-to-air missiles, anti-aircraft artillery, and anti-helicopter mines. The AH-1Z will fulfill the same mission and also provide landing zone fire suppression, forward and rear area fire support, and search and rescue augmentation. The AH-1Z will also be able to control air, artillery, mortar, and naval gunfire support, while capable of operating at night and in adverse weather conditions.

**b. UH-1Y.** The primary mission of the UH-1N is and the UH-1Y will be to provide airborne control and coordination for assault support operations, aeromedical evacuation of casualties, and augmented search and rescue assets. The UH-1Y will provide combat assault and assault support for evacuation and other maritime special operations; control coordination and terminal guidance for supporting arms to include close air support, artillery, and naval gunfire; armed escort for assault support operations; fire support; and security for forward and rear area forces. The UH-1Y will also be capable of operating at night and in adverse weather conditions.

**2. Foreign Military Sales.** Other United States military services and foreign governments with potential interest in the AH-1Z and UH-1Y Helicopters include:

- U.S. Air Force - Joint Interest
- U.S. Navy - Joint Interest
- Australia
- Taiwan
- Turkey
- Spain
- Sweden

The Department of Defense (DoD) intends to pursue an aggressive Foreign Military Sales (FMS) program. For information concerning FMS contact PMA276, the H-1 Upgrades Program (AH-1Z and UH-1Y) Office.

**E. DEVELOPMENTAL TEST AND OPERATIONAL TEST.** The H-1 Upgrades Program (AH-1Z and UH-1Y) Engineering and Manufacturing Development (EMD) contract provides for the establishment of a Flight Test Integrated Product Team (IPT). The IPT will integrate contractor and government testing at two principal test sites, Bell Helicopter Textron, Inc. (BHTI) at Fort Worth, Texas, and Naval Rotary Wing Aircraft Test Squadron (NAVRWAIRTESTRON), Naval Air Station (NAS) Patuxent River, Maryland. To eliminate duplication and reduce schedules, the Integrated Test and Evaluation (IT&E) phases include Developmental Test and Evaluation. NAVRWAIRTESTRON has provided a detachment of Test Pilots and Flight Test Engineers for the IT&E and EMD test phase. IT&E was started in first quarter FY01 and will be completed in third quarter FY03.

The Developmental Testing Activity, NAVRWAIRTESTRON, has two UH-1N and two AH-1W Helicopters assigned. The Operational Testing Activities are Air Flight Test and Evaluation Squadron Nine (VX)-9, Naval Air Warfare Center Weapons Division China Lake, California, with two AH-1W Helicopters, and Marine Helicopter Squadron One (HMX)-1, with no H-1 Helicopters assigned. There are no AH-1W and UH-1N maintenance billets currently assigned at VX-9.

An Operational Assessment (OA) will be conducted over a one-month period during IT&E. During OA, maintenance will be performed by the contractor and monitored by VX-9 and HMX-1 maintenance personnel. Following the IT&E and EMD test phase, Operational Test and Evaluation (OT&E) will begin, and the direct participation of the contractor in the Flight Test IPT will terminate. OT&E is scheduled to begin in fourth quarter FY03. The primary site for OT&E will be NAS Patuxent River. During OT&E, the AH-1Z and UH-1Y Helicopters will be operated and maintained by the H-1 Operational Test Team, comprised of personnel from VX-9, HMX-1, and fleet augmentation personnel. OT&E for both the AH-1Z and UH-1Y Helicopters will be conducted at the same time. Follow-on Operational Test and Evaluation (FOT&E) is scheduled to begin in third quarter FY04. FOT&E events, scope of testing, and scenarios will be determined in the future.

## **F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED**

**1. AH-1Z and UH-1Y Common Equipment Additions and Modifications.** The AH-1Z and UH-1Y system upgrades consists of improved ergonomic design, communications, navigation, night and adverse weather capability, performance, weapons, and survivability. Identical components include, but are not limited to:

- T700-GE-401/401C Engines
- Main, Tail Rotor, and Intermediate Gearboxes

- Main and Tail Rotor Systems, Composite Four-Bladed Rotor System (Main and Tail Rotors), Semi-Automatic Blade Fold System
- Auxiliary Power Unit (APU) and Starter
- Tailboom Empennage
- Integrated Avionics Suites (IAS)
- Dual Redundant Mission and Weapons Computers (including common software load)
- 8” x 6” Color Multi-Function Cockpit Displays
- Hands-On Collective and Stick
- Tactical Moving Map Capability (TAMMAC) Navy Standard Digital Moving Map Set
- Digital Communications System DCS-2000 with Embedded Satellite Communication (SATCOM) Capability
- Embedded Global Positioning System (GPS) and Inertial Navigation (EGI) and AN/APX-100 Identification Friend or Foe (IFF)
- Four-Axis Automatic Flight Control System (AFCS)
- Common, Integrated Electronic Warfare (EW) Suites
- Integrated Wiring System
- Integrated Mechanical Diagnostics (IMD) with Rotor Track and Vibration Capability
- Ground-Based Mission Planning
- Crashworthy Crew Seats
- New Hydraulic Components
- Integrated Helmet Display and Sight System (IHDSS)

**2. Aircraft Equipment Comparison Chart.** The following chart compares the current configuration of the AH-1W and UH-1N to the Production Configuration of the AH-1Z and UH-1Y Helicopters.

| <b>AIRCRAFT SYSTEMS AND EQUIPMENT</b> | <b>AH-1W</b> | <b>AH-1Z</b> | <b>UH-1N</b> | <b>UH-1Y</b> |
|---------------------------------------|--------------|--------------|--------------|--------------|
| <b>Engines</b>                        | T700-GE-401  | T700-GE-401  | T400-CP-400  | T700-GE-401C |

| <b>AIRCRAFT SYSTEMS AND EQUIPMENT</b>  | <b>AH-1W</b>   | <b>AH-1Z</b>                                      | <b>UH-1N</b>                           | <b>UH-1Y</b>               |
|--|--|---|--|----------------------------|
| <b>Communications:</b>   |  |   |  |                            |
| Ultra High Frequency (UHF)<br>Very High Frequency (VHF)<br>Single Channel Ground and Airborne Radio System | AN/ARC-210(V)<br>Receiver<br>Transmitter<br>(RT)-1556B | AN/ARC-210(V)<br>RT-1824C                         | AN/ARC-210(V)<br>RT-1556B              | AN/ARC-210(V)<br>RT-1824C  |
| SATCOM   | –  | –   | AN/ARC-210(V)<br>RT-1556B/C -<br>11898 | AN/ARC-210(V)<br>RT-1824C  |
| Secure Voice   | TSEC/KY-58   | Embedded<br>Communication<br>Security<br>(COMSEC) | TSEC/KY-58                             | Embedded<br>COMSEC         |
| IFF Transponder  | RT-1558/APX-<br>100                                    | Common IFF<br>(CIFF)                              | AN/APX-72                              | CIFF                       |
| Secure IFF   | KIT-1C/TSEC  | Embedded Mode<br>4; Mode S                        | KIT-1C/TSEC                            | Embedded Mode<br>4; Mode S |
| <b>Navigation:</b>   |  |   |  |                            |
| Direction Finder<br>(DF)   | DF-301E  | NA  | AN/ARA-50                              | NA                         |
| Inertial Navigation<br>System  | AN/ASN-172(V)3   | AN/ASN-172(V)3                                    | –                                      | AN/ASN-172(V)3             |
| GPS  | AN/ASN-172(V)3   | AN/ASN-172(V)3                                    | AN/ASN-163                             | AN/ASN-172(V)3             |
| Radar Altimeter<br>(RADALT)  | AN/APN-194(V)  | Embedded<br>RADALT in EGI                         | AN/APN-171(V)                          | Embedded<br>RADALT in EGI  |
| Mass Data Storage  | –  | Advanced<br>Memory Unit<br>(AMU)                  | –                                      | AMU                        |

| <b>AIRCRAFT SYSTEMS AND EQUIPMENT</b>                     | <b>AH-1W</b>   | <b>AH-1Z</b>  | <b>UH-1N</b>                          | <b>UH-1Y</b>                               |
|---|----------------|---|---------------------------------------|--|
| Digital Mapping   | –              | TAMMAC  | –                                     | TAMMAC                                     |
| <b>Flight Instruments:</b>                                |                |   |                                       |  |
| Vertical Gyro   | CN-1314        | Standby Attitude Sensor   | MD-1                                  | Standby Attitude Sensor                    |
| Encoder Altimeter   | AAU-32/A1      | Aircraft Wiring Interface Remote Terminal (AWIRT)               | AAU-31/A (Pilot); AAU-21/A (Co-pilot) | AWIRT                                      |
| <b>Aircraft Survivability Equipment:</b>                  |                |   |                                       |  |
| Electronic System Countermeasures (ESM) Dispensing System | AN/ALE-39      | AN/ALE-47   | AN/ALE-39                             | AN/ALE-47                                  |
| ESM and Radar Signal Detection Set (RSDS)                 | AN/APR-39A(V)2 | AN/APR-39B(V)2 Integrated Cockpit (ICP) Modification (See Note) | AN/APR-39A(V)2                        | AN/APR-39B(V)2 ICP Modification (See Note) |
| ESM and Laser Detecting Set (LDS)                         | AN/AVR-2       | Embedded in AN/AAR-47(V)2                                       | AN/AVR-2                              | Embedded in AN/AAR-47(V)2                  |
| ESM Infrared (IR) Jammer                                  | AN/ALQ-144     | To Be Determined (TBD)  | AN/ALQ-144                            | TBD  |
| ESM and Missile Warning Set (MWS)                         | AN/AAR-47      | AN/AAR-47(V)2   | AN/AAR-47                             | AN/AAR-47(V)2                              |

| <b>AIRCRAFT SYSTEMS AND EQUIPMENT</b>         | <b>AH-1W</b>   | <b>AH-1Z</b>              | <b>UH-1N</b>  | <b>UH-1Y</b>   |
|---|--|---------------------------|---|--|
| <b>Forward Looking Infrared (FLIR) System</b> | Night Targeting System (NTS)   | Target Sight System (TSS) | Navigational Thermal Imaging System (NTIS)<br>AN/AAQ-22A SAFIRE<br>or<br>AN/AAQ-22C STAR SAFIRE | NTIS AN/AAQ-22C STAR SAFIRE<br>or<br>Upgraded NTIS with Laser Designator |
| <b>Display and Control:</b>                   |  |                           |   |  |
| Head-Up Display (HUD)                         | Daytime: HUD<br>Nighttime: HUD plus Aviators Night Vision Imaging System (ANVIS) HUD | GEC HMD 229-061955        | AN/AVS-7 ANVIS HUD  | P3I TBD, possibly the Improved HUD                                       |
| Mission Computer                              | –  | Litton 8920570            | –   | Litton 8920570   |
| Multi-Functional Display (MFD)                | MFD above Telescopic Sight Unit NTS/Cockpit Canopy Modification                      | Collins 998-5385-001      | –   | Collins 998-5385-001   |
| Limited Functional Display (LFD)              | –  | Collins 998-3142-001      | –   | Collins 998-3142-001   |
| <b>Miscellaneous:</b>                         |  |                           |   |  |
| Analog Digital Converter                      | Interface Control Unit (ICU) -800<br>CP-1913 ICU-800-1 PC-1914                       | AWIRT                     | ICU-800   | AWIRT  |
| Digital Data Loader                           | AN/ASQ-215   | AMU                       | AN/ASQ-215  | AMU  |
| Flight Data Recorder (FDR)                    | –  | AMU                       | –   | AMU  |

| <b>AIRCRAFT SYSTEMS AND EQUIPMENT</b> | <b>AH-1W</b>  | <b>AH-1Z</b>                                     | <b>UH-1N</b>  | <b>UH-1Y</b>              |
|---------------------------------------|---|--|---|---------------------------|
| Maintenance Data Recorder             | –   | IMD and Health and Monitoring System (IMD/HUMS)  | –   | IMD/HUMS                  |
| Video Recorder                        | Photosonic VCR<br>Sekia VCR                                       | TEAC VCR<br>V-80AB-F-NTSC                        | BR-5405U<br>or<br>V-80AB-F-NTSC<br>(TEAC VCR)               | TEAC VCR<br>V-80AB-F-NTSC |
| <b>Weapons Control:</b>               |   |  |   |                           |
| Armament Control                      | Armament Control Panel (ACP)                                      | MFD  | ACP A/A49E-11<br>Improved Defense Armament Subsystem (IDAS) | ACP A/A49E-11<br>IDAS     |
| Sight System                          | Helmet Sight Subsystem (HSS)                                      | IHDSS  | CA-513 Reflex Sighting System (RSS)                         | CA-513 RSS                |
| HELLFIRE Missile System               | AGM-114 HELLFIRE Missile (with M272 Launcher)                     | AGM-114 II HELLFIRE Missile (with M299 Launcher) | –   | –                         |
| Stores Management System              | Navy Armament Rocket Control And Delivery System and TOW/HELLFIRE | Smith Industries 173949/80594                    | –   | –                         |

**Note:** Only 77 AH-1Ws are being modified with Airframe Change (AFC)-230, EW Suite.

## **G. DESCRIPTION OF NEW DEVELOPMENT**

**1. Functional Description.** The AH-1Z and UH-1Y will be remanufactured concurrently by BHTI. The goal of the USMC H-1 Upgrades Program (AH-1Z and UH-1Y) is to achieve a platform that meets the growing needs of the Marine Corps at an affordable cost. The AH-1Z and UH-1Y will incorporate a common engine, APU, four-bladed main and tail rotor

system, transmission, drivetrain, rotor drive, and tail boom. The purpose of these modifications is to achieve commonality in models, thereby reducing logistics support, maintenance workload, and training requirements. The replacement of the two-bladed rotor system with a common four-bladed rotor system will achieve improved performance, reliability, and maintainability. The addition of an IR suppresser to the helicopters will improve survivability.

**a. AH-1Z.** The AH-1Z upgrades will improve helicopter performance, survivability, availability, and maintainability. Further, the AH-1Z will reduce Pilot workload and fully integrate state-of-the-art weapons, communication, and navigation systems. The AH-1Z will also include the Cockpit Integration Development (CID). CID will result in near mirror image crew stations for the AH-1Z, simplifying operator and maintainer training. CID will also integrate communications, fire control, navigation, and NTS. The AH-1Z will incorporate a new TSS that uses a third generation FLIR detector and an automatic bore sight. The automatic bore sight will be incorporated into the EGI system, providing precise weapons delivery.

Other AH-1Z unique components include: HELLFIRE II Electro-Optical Counter Countermeasure (alternate laser coding). The AH-1Z will improve and upgrade engine, drivetrain, rotor system, and gearbox components, providing the following performance capabilities: a payload sufficient to enable a wide variety of ordnance and external fuel configurations and an attack payload of 2,500 pounds (3,500 pounds is desired). The AH-1Z maneuverability and agility will be sufficient to enhance obstacle avoidance and defensive maneuvers against threat systems while operating in nap of the Earth and Terrain Flight. It will have a minimum maneuverability and agility “G” range of -0.5 to +2.5 with an attack payload. AH-1Z airspeed will be sufficient to maintain airspeed compatibility with existing Marine Corps Assault Support Helicopter forces. A cruise speed with an attack to 140 knots and a dash speed of 160 knots are an objective. The AH-1Z will also have full shipboard compatibility to include a blade-fold system.

The AH-1Z acquisition requirements and improvements also include:

**(1) Ergonomic and Safety Cockpit Design.** The ergonomic and safety cockpit design will:

- Enhance situational awareness through human engineering cockpit design in the consolidation and placement of multiple control panels for communication, navigation, mission support, and weapon systems management.
- Fully integrate mission management avionics to include communication, navigation, flight systems, EW systems, tactical targeting, and the weapons system. The AH-1Z will have an onboard data processing capability, digital target data system, fire control, and weapons management system.
- Ensure a fully integrated, Night Vision Device (NVD)-compatible, glass cockpit to enhance situational awareness. The AH-1Z cockpit will be capable of displaying consolidated information from weapon, navigation, and communication systems on MFD screens.

- Integrate navigational and targeting FLIR imagery capabilities.
- Display critical mission and system performance information via HUD/Head-Out Display (HOD) systems.
- Enhance the coupled approach, hover, and wave-off capability to enable the helicopter to perform all missions in day, night, and adverse weather conditions.
- Integrate a ground proximity and low altitude warning system that is capable of vertical and forward looking obstacle avoidance that integrates airspeed, rate of descent, power requirements, and altitude information for a HUD/HOD. The system will be compatible with NVDs and FLIR displays for terrain flight profiles during day or night operations and in adverse weather conditions.
- Incorporate a Flight Incident Recorder (FIR) and FDR.
- Incorporate an IMD System.

**(2) Communication.** The AH-1Z communication systems will include:

- UHF, VHF, Amplitude Modulation and Frequency Modulation (AM/FM), and SATCOM using a DoD established joint-use radio.
- Aircraft intercom.
- Secure data communications circuits. Circuits will be compliant with the joint staff directive to be demand assigned multiple access capable and five-kilohertz (kHz) compatible.
- Fully integrated, secure voice and data burst communications capable of processing targeting information in an Electronic Countermeasures (ECM) environment.
- Variable Message Format (VMF) digital modem with software and a joint interoperable datalink circuit capable of transmitting, receiving, and displaying digital information simultaneously from aircraft or ground units of the Marine Air-Ground Task Force (MAGTF) and Joint Task Force (JTF).

**(3) Navigation.** The AH-1Z navigation systems will include:

- A pre-programmable, fully integrated, long-range, self-contained precision navigation system.
- A mission planning system with the following capabilities: pre-mission aircraft data loading, manual in-flight updates to navigation and mission plan, a TAMMAC display with depiction of threat systems along intended flight profiles, and information updates via data burst transmissions to accommodate digital target data systems.

**(4) Night and Adverse Weather Capability.** The AH-1Z night and adverse weather capability will include:

- A lightweight, navigational FLIR tactical day and NTS with Laser Range Finder and designator, and an enhanced night and adverse weather Pilot assist capability. HUD/HOD helmet mounted display capability is desired.
- NVD-compatible cockpit, external formation, blade tip, and anti-collision lighting.

**(5) Weapons.** The AH-1Z will be capable of offensive air support throughout its full mission spectrum. The upgraded gun system and fire control enhancements will improve weapon reliability, maintainability, and effectiveness. Weapon system improvements include:

- Increased wing stores stations (from the current configuration of four) to six wing stations, four of which are universal.
- The capability to carry 12 Precision Guided Missiles (PGM) (16 PGMs desired).
- An upgraded gun system capable of a low rate of fire of 600 to 750 rounds per minute, and a high rate of fire of 1,200 to 1,500 rounds per minute. Increased onboard ammunition storage capability of at least 1,000 rounds is desired.
- NVD-FLIR compatible pointing system for the Pilot and Gunner to calculate "point-of-aim" and "point-of-impact" with HSS.

**(6) Survivability.** The AH-1Z will provide improved airframe ballistic tolerance, aircrew protection, and reduced vulnerability. Survivability improvements include:

- Airframe ballistic tolerance against 12.7-millimeter (mm) artillery, with an improved ballistic tolerance for flight critical systems.
- Integrated active and passive countermeasures for an autonomous self-protection capability, to include cost-effective low observable radar, IR, and acoustic features.
- Ensure aircrew protection from advanced, directed energy weapon technology through the combination of crew equipment and hardening of flight critical sensors and mission support systems.
- Incorporate stroking, crashworthy Pilot seats. A crashworthy internal fuel system is required; a crashworthy internal and external fuel system is desired.
- Incorporate landing gear improvements to sustain maximum gross weight shipboard and land-based operations, while maximizing gross weight for towing operations.

**(7) Electronic Countermeasures.** The ECM will be performed in the most practical combination for signature management. The AH-1Z must provide an integrated EW suite, free of Electromagnetic Interference (EMI) with all systems operating, to include the following:

- Missile warning receiver.
- Increased capacity to carry expendables.
- Radar/plume detector and laser warning.

- Receivers capable of integrated operations with expendables in a dense signal environment.
- Missile approach warning system with selectable and automatic capabilities.
- Reduced IR and acoustic signature.
- Reduced vulnerability and susceptibility to radar threats.

**b. UH-1Y.** The UH-1N upgrade to the UH-1Y will improve safety, performance, survivability, availability, and maintainability. Further, the UH-1Y will reduce Pilot workload and fully integrate state-of-the-art avionics, communication, navigation, and defensive weapons systems. The UH-1Y will include the upgraded version of the NTIS, BRITE STAR, and the AN/AVS-7 Night Vision Goggles (NVG)-HUD carried forward from the UH-1N. The BRITE STAR navigation FLIR will also incorporate a third generation FLIR detector.

The UH-1Y will improve and upgrade engine, drivetrain, rotor system, and gearbox components as required to provide the following performance capabilities: a payload sufficient to fulfill the wide range of utility missions and an utility payload of 2,800 pounds (4,500 pounds is desired). The UH-1Y maneuverability and agility will be sufficient to enhance obstacle avoidance and defensive maneuvers against threat systems while operating in nap of the Earth and Terrain Flight. It will have a minimum maneuverability and agility “G” range of –0.5 to +2.5 with a utility payload. The airspeed will be sufficient to maintain airspeed compatibility with existing Marine Corps Assault Support Helicopter forces; a cruise speed in a slick configuration of 140 knots is required (165 knots desired). The UH-1Y cargo doors must be structurally rated to withstand the normal operating airspeed limitations of the helicopter in either an open or closed configuration. The UH-1Y will also have full shipboard compatibility to include a blade-fold system.

UH-1Y upgrade acquisition requirements and improvements include:

**(1) Ergonomic and Safety Cockpit Design.** The UH-1Y ergonomic and safety cockpit design will:

- Enhance situational awareness through human engineering cockpit design in the consolidation and placement of multiple control panels for communication, navigation, mission support, and weapon systems management.
- Fully integrate mission management avionics, to include communication, navigation, flight systems, EW systems, tactical targeting, and weapon systems.
- Integrate an onboard digital target data system, fire control, data processing capability, and weapons management system.
- Incorporate a fully integrated, NVD-compatible cockpit capable of displaying consolidated information from navigation, communication, and defensive weapon systems on MFD screens.
- Integrate navigational and targeting FLIR imagery capabilities.

- Display critical mission and system performance information via HUD/HOD systems.
- Enhance the coupled approach, hover, and wave-off capability to enable the helicopter to perform all missions in day, night, and adverse weather conditions.
- Integrate a ground proximity and low altitude warning system and altitude information for a HUD/HOD.
- Integrate a system that is NVD and FLIR compatible.
- Incorporate a FIR and FDR.
- Incorporate an IMD/HUMS System.

**(2) Communication.** The UH-1Y communication systems will include:

- UHF, VHF, AM/FM, and SATCOM using a DoD established joint-use radio.
- Aircraft intercom.
- Secure data communications circuits. Circuits must be compliant with the joint staff directive to be demand assigned multiple access capable and five-kHz compatible.
- Fully integrated, long-range secure voice and data burst communications, including targeting information in an ECM environment.
- VMF digital modem with software and a joint interoperable datalink circuit capable of transmitting, receiving, and displaying digital information simultaneously from aircraft or ground units of the MAGTF and JTFs.

**(3) Navigation.** The UH-1Y navigation systems include:

- A pre-programmable, fully integrated, long-range, self-contained precision navigation system.
- A mission planning system with the following capabilities: pre-mission aircraft data loading, manual in-flight updates to navigation and mission plans, a digital moving map situational display, and information updates via data burst transmissions to accommodate digital target data systems.

**(4) Night and Adverse Weather Capability.** The UH-1Y night and adverse weather capability will include:

- An integrated, lightweight, navigational FLIR with enhanced night and adverse weather Pilot assist capability.
- A tactical day and night sensor system.
- A laser designator/Range Finder and NVD-visible laser pointer.
- NVD-compatible cockpit lighting and external formation, blade tip, and anti-collision lighting.
- A full HUD/HOD helmet mounted display capability is desired.

**(5) Weapons.** The UH-1Y will be capable of self-protection throughout its full mission spectrum. The UH-1Y weapon systems improvements include:

- An NVD-compatible gun sighting system useable by Pilots, Crew Chiefs, and Aerial Gunner/Observers (AGO) that will increase crew served weapon accuracy and effectiveness.
- A light (7.62 mm) gun system with a minimum rate of fire of 1,500 rounds per minute and a heavy (.50 caliber) pintle-mounted gun system. Total weight of the gun system will not exceed 600 pounds.
- Provide “point-of-aim” and “point-of-impact” accuracy without the aid of tracer rounds.
- An external stores system capable of carrying fuel tanks, 2.75-inch rocket pods, and crew served weapons. Two hard mounts are required and a follow-on universal mount capable of accepting weapons or fuel is desired.

**(6) Survivability.** The UH-1Y will provide improved airframe ballistic tolerance, aircrew protection, and reduced vulnerability. Survivability improvements include:

- Ballistic tolerance against 12.7 mm artillery, helicopter survivability to standard threats up to 23-mm shells, and improved ballistic tolerance for flight critical systems.
- Integrated active and passive countermeasures for an autonomous self-protection capability, to include cost-effective low observable radar, IR, and acoustic features.
- Aircrew protection from advanced, directed energy weapon technology through the combination of crew equipment and hardening of flight critical sensors and mission support systems.
- Incorporate stroking, crashworthy Pilot seats. A crashworthy internal fuel system is required; a crashworthy internal and external fuel system is desired.
- Incorporate landing gear improvements to sustain maximum gross weight shipboard and land-based operations, while maximizing gross weight for towing operations.

**(7) Electronic Countermeasures.** ECM will be performed in the most practical combination for signature management. The UH-1Y will provide an integrated EW suite, free of EMI with all systems operating, to include:

- Missile warning receiver.
- Increased capacity to carry expendables.
- Radar/plume detector and laser warning.
- Receivers capable of integrated operations with expendables in a dense signal environment.
- Missile approach warning system with selectable and automatic capabilities.
- Reduced IR and acoustic signature.
- Reduced vulnerability and susceptibility to radar threats.

**(8) Landing Gear and Airframe.** The skid type landing gear will be upgraded to withstand a 12-foot per second vertical sink rate. The tail boom will be modified with a more effective elevator and will be common for both helicopters. The UH-1Y airframe length will be increased approximately 10 to 15 inches to accommodate avionics equipment.

## 2. Physical Description

| <b>AH-1W and AH-1Z PHYSICAL COMPARISON</b> |              |              |
|--|--------------|--------------|
| <b>PARAMETERS</b>                          | <b>AH-1W</b> | <b>AH-1Z</b> |
| Empty Weight (pounds)                      | 10,920       | 12,200       |
| Maximum Gross Weight (pounds)              | 14,750       | 18,500       |
| Maximum Useful Load (pounds)               | 3,828        | 6,300        |
| Internal Fuel (pounds)                     | 2,086        | 2,766        |
| Maximum Continuous Power (knots)           | 129          | 146          |
| Maximum Range (nautical miles) *           | 280          | 370          |
| Endurance Hours (hours) *                  | 2.8          | 3.5          |
| Maximum Gs                                 | +2.5         | +3.0         |
| Minimum Gs                                 | +0.5         | -0.5         |

\* 20-minute reserve fuel

| <b>UH-1N and UH-1Y PHYSICAL COMPARISON</b> |              |              |
|--|--------------|--------------|
| <b>PARAMETERS</b>                          | <b>UH-1N</b> | <b>UH-1Y</b> |
| Empty Weight (pounds)                      | 7,345        | 11,400       |
| Maximum Gross Weight (pounds)              | 10,500       | 18,500       |
| Maximum Useful Load (pounds.)              | 3,155        | 7,100        |
| Internal Fuel (pounds)                     | 1,381        | 2,584        |
| Maximum Continuous Power (knots)           | 110          | 148          |
| Maximum Range (nautical miles) *           | 230          | 350          |
| Endurance Hours (hours) *                  | 2.18         | 3.2          |
| Maximum Gs                                 | +2.4         | +3.0         |
| Minimum Gs                                 | +0.5         | -0.5         |

\* 20-minute reserve fuel

**3. New Development Introduction.** The new equipment will be introduced through the USMC H-1 Upgrades Program (AH-1Z and UH-1Y). The program entails remanufacturing the USMC fleet of AH-1W and UH-1N Helicopters to an advanced configuration featuring common engines and flight dynamics. These helicopters will have “zero-time” airframes remanufactured with the latest technology. BHTI will use cost as an independent variable, commercial practices, Commercial Off-The-Shelf Items (COTS), and Non-Developmental Items. The installation of the new equipment will be performed at the contractor’s facilities in Fort Worth, Texas.

**4. Significant Interfaces.** NA

**5. New Features, Configurations, or Material.** NA

## H. CONCEPTS

**1. Operational Concept.** Marine Corps Pilots in Marine Light Attack Helicopter (HMLA) squadrons fly the AH-1W and UH-1N. Eighteen AH-1Ws and nine UH-1Ns per squadron are assigned, and are deployed in detachments consisting of six AH-1Ws and three UH-1Ns. The AH-1Z and UH-1Y will have the same operational concept as the AH-1W and UH-1N Helicopters. The AH-1W and UH-1N share the same Military Occupational Specialty (MOS) designations for all billets except aircrew. An AH-1W Pilot is designated as MOS 7565, while a UH-1N Pilot is designated as MOS 7563. The UH-1N also employs a Crew Chief (MOS 6174) and an AGO (MOS 6174 AGO qualified) as enlisted aircrew. The AH-1W does not have a requirement for these positions.

**2. Maintenance Concept.** General direction and guidance concerning the maintenance concept for the AH-1Z and the UH-1Y Helicopters is provided by the Naval Aviation Maintenance Program (NAMP), OPNAV Instruction (OPNAVINST) 4790.2 series. The NAMP prescribes the concept of three levels of maintenance: organizational, intermediate, and depot. The AH-1Z and UH-1Y Helicopter maintenance concept will be based on these three levels of maintenance. A Level of Repair Analysis will be initiated and performed concurrently with the EMD, IT&E, and OT&E. Contractor Logistics Support (CLS) will be used as part of the AH-1Z and UH-1Y aircraft support package. The exact details of the CLS are not currently available. The program will be maintained completely by the contractor during EMD. A decision as to the extent of CLS will be required to determine the level of support during OT&E and for the future.

**a. Organizational.** AH-1Z and UH-1Y organizational level maintenance is performed by the operating unit on a day-to-day basis in support of its own operations. These actions encompass inspections, servicing, handling, removal and replacement of Weapon Replaceable Assembly (WRA) or major aircraft components, and on-equipment corrective maintenance. Organizational level maintenance is performed by military personnel from various aviation maintenance ratings identified below in paragraph H, Student Profiles.

**(1) Preventive Maintenance.** Preventive maintenance is the care and servicing needed to maintain aircraft equipment, Support Equipment (SE), and facilities in

satisfactory operating condition by providing for systematic inspection, detection, and correction of maintenance failures either before they occur or before they develop into major defects. Preventive maintenance on the AH-1Z and UH-1Y will be conducted at specific intervals per established procedures outlined by Maintenance Requirement Card decks.

**(2) Corrective Maintenance.** Corrective maintenance is the set of actions needed to maintain aircraft equipment and SE to improve, change, or restore their capability to perform specific missions or functions by replacement, removal, addition, alteration, or repair of parts, equipment, or aircraft without particular regard to flying hours, operating hours, calendar days, or operating periods. Corrective maintenance includes, but is not limited to, modification, repair, and unscheduled inspection, replacement, or testing. The AH-1Z and UH-1Y corrective maintenance procedures will encompass aircraft repair and the replacement of WRA determined as faulty by use of built-in test or procedural troubleshooting.

**b. Intermediate.** Intermediate level maintenance in support of the AH-1Z and UH-1Y Helicopters will be performed by Marine Aviation Logistics Squadrons (MALS) designated for AH-1Z and UH-1Y support of Marine Aircraft Groups. Maintenance at the intermediate level is conducted per specific instructions contained in the maintenance instruction manuals for each aircraft system. Intermediate maintenance consists of repair, test, and calibration of WRAs, Shop Replacement Assemblies, and SE. The MALS will also perform first degree repairs on the T700-GE-401/401C Engines.

**c. Depot.** Depot level maintenance consists of major overhaul or complete rebuilding, manufacture, or modification of parts, assemblies, subassemblies, and end items that are beyond the capabilities of Intermediate Maintenance Activities (IMA). The primary depot for AH-1Z and UH-1Y Helicopters will be the Naval Aviation Depot Cherry Point, North Carolina.

**d. Interim Maintenance.** Maintenance in support of IT&E and EMD will be the responsibility of the contractor. During OT&E, organizational maintenance will be performed by contractor-trained fleet Marine Corps personnel and intermediate maintenance will be provided by the contractor. The contractor will provide Engineering and Technical Services until the Material Support Date (MSD). The MSD is estimated for fourth quarter FY09.

**e. Life Cycle Maintenance Plan.** The AH-1W and UH-1N Helicopters are on a five-year Standard Depot Level Maintenance cycle. At the end of a 60-month service period, an Aircraft Service Period Adjustment (ASPA) inspection is performed. Aircraft found to be in satisfactory material condition will be granted a 12-month period extension, whereupon another ASPA inspection is performed. This process continues until an aircraft fails the ASPA inspection and is inducted into standard rework. The Integrated Maintenance Concept program for the AH-1 and UH-1 Helicopters is currently in concept exploration phase. When this information becomes available, it will be included in updates to this document.

**3. Manning Concept.** Qualitative and quantitative manpower requirements for the AH-1Z and UH-1Y Helicopters are driven by total preventive and corrective maintenance requirements and the Required Operational Capabilities/Projected Operational Environment

(ROC/POE). The number of positions requiring manning for fleet squadrons are dictated by a deployment workload demanding 24-hour organizational level servicing during cyclic flight operations with a basic watch condition consisting of two sections, each responsible for a 12-hour period. Maintenance personnel requirements were derived from analysis of projected AH-1Z and UH-1Y reliability and maintainability data and predecessor system ROC/POE data. AH-1W and UH-1N manpower requirements are contained in the HMLA and MALS Tables of Organization (T/Os) and include:

| <b>T/O NUMBER</b> | <b>ACTIVITY</b>                    |
|-------------------|------------------------------------|
| T/O 8970          | HMLA Squadron                      |
| T/O 8970A         | HMLA-775, Camp Pendleton           |
| T/O 8970B         | HMLA-775 Detachment A, Belle Chase |
| T/O 8970C         | HMLA-773, Marietta                 |
| T/O 8970D         | HMLA-773 Detachment, Willow Grove  |
| T/O 8590          | HMT-303 Training Squadron          |
| T/O 8596          | NAMTRA MARUNIT, Camp Pendleton     |
| T/O 8910          | MALS Rotary Wing                   |
| T/O 8910A         | MALS-42, Marietta                  |
| T/O 8910B         | MALS-49, Fort Stewart              |
| T/O 8990          | HMX-1, Quantico                    |

Current manpower requirements for the HMT-303 are found in T/O 8582. HMT-303 FREST, currently part of the HMT-303 T/O, will be separated and renamed NAMTRA MARUNIT under T/O 8584 in FY02.

HMLA squadrons are assigned 18 AH-1 and nine UH-1 Helicopters. Units in the infrastructure that provide support are MALS-39 at Camp Pendleton, MALS-26 and MALS-29 at New River, North Carolina, and MALS-36 located in Okinawa, Japan. The Reserve MALS that provide support are MALS-42 at NAS Atlanta, Georgia, and MALS-46 at MCAS Camp Pendleton. Based on an analysis performed by the Naval Air Systems Command (NAVAIRSYSCOM), AIR 3.4.1, it was determined that the AH-1Z and UH-1Y Helicopters will not generate a need for additional skills.

**4. Training Concept.** Aircrew training is dictated by Marine Corps Order (MCO) P3500.16C, Aviation Training and Readiness (T&R) Manual. Aircrew receive H-1 familiarization, ground training, and approximately sixty percent of their combat training at the FRS, then continue on to their permanent squadrons to complete combat and qualifications

training. Aircrew refresher (Category 3) and modified refresher (Category 4) training is conducted depending on how long the aircrew member has been without H-1 proficiency training.

The established training concept for most aviation maintenance training divides “A” School courses into two or more segments called Core and Strand. The “C” School courses are Career training courses. “A” School Core courses include general knowledge and skills training for a particular basic MOS, while “A” School Strand courses focus on the more specialized training requirements for that MOS. Strand training immediately follows Core training and is part of the “A” School. Upon completion of Core and Strand “A” School, graduates attend the appropriate Career “C” School, for additional training on a specific type of aircraft or equipment, and to enhance skills and knowledge within their field. Graduates from “C” School receive their primary MOS.

Training on new systems can be broken down into two types; initial training and follow-on training. Initial training covers the training prior to and up to fielding the first systems, while follow-on training includes the incorporation of the new system into schoolhouse training. The different types of initial training fall into three categories. The categories are Developmental Test and Evaluation (DT&E) Training, OT&E Training, and Cadre Training. Each type of training has unique requirements and is handled separately.

DT&E training is very technical by nature and must be directly coordinated between the test activity and the contractor or agency that is developing the system being tested.

OT&E training has two functions. The first function is to train the OT&E personnel on operation and maintenance of the system being tested, so that they will be qualified to operate the system during testing. The second function is to evaluate the training for suitability in the fleet. OT&E personnel will recommend any changes necessary to make the training suitable for the fleet. OT&E training should be conducted approximately one month prior to OT&E.

Cadre training (“training the trainers”) is provided to a small group of instructors, both aircrew and maintenance. This cadre of instructors establishes a program to train the personnel that will be introducing the new system into the fleet. Cadre training is developed from OT&E training through OT&E input. Naval Technical Data and Engineering Service Command (NATEC) Technical Representatives and FRS/NAMTRA MARUNIT instructors also attend cadre training, and begin to integrate the new system into the schoolhouse curriculum for follow-on training.

Follow-on training is the schoolhouse training conducted by the FRS and the NAMTRA MARUNIT at HMT-303, MCAS Camp Pendleton, to formally certify H-1 aircrew and maintenance technicians, and results with the award of a MOS.

For the H-1, follow-on training is Computer-Based Training (CBT) for all classroom portions; primarily Computer Aided Instruction (CAI) for maintenance, and Interactive Courseware (ICW) for operator. Training also includes maintenance lab time and aircrew

simulator/flight time. Follow-on training utilizes the cadre training package as source data for incorporation into the schoolhouse curriculum.

Training system life cycle support for the AH-1Z and the UH-1Y will be provided through a combination of contractors, government civilians, and active duty military. This support includes in-service engineering, operation and maintenance of TDs, revisions and maintenance of curriculum, and schoolhouse instruction. The H-1 Upgrades Program (AH-1Z and UH-1Y) consists of replacing and modifying existing curriculum and TDs with new or modified versions. Because of this, the most cost-effective method of providing training to HMLA aircrew and maintenance personnel is to use existing training activities and resources to the maximum extent. The aircrew curriculum will include ICW. Organizational and intermediate level maintenance curricula will include CAI augmented with ICW.

The AH-1Z and UH-1Y CBT will be network based, using a central/master server and developed by BHTI with technical assistance provided by Naval Aviation Maintenance Training Group headquarters, NAS Pensacola, Florida. In FY03, the aircrew curriculum and the first module of organizational maintenance curriculum will be developed. Intermediate level maintenance CBT will be the last module developed, completing the CBT acquisition in FY07.

**a. Initial Training.** Bell Helicopter Customer Training Academy will provide H-1 aircrew and maintenance cadre training for USMC personnel participating in the H-1 Upgrade OT&E. The target audience for OT&E training is experienced AH-1W and UH-1N Pilots, Crew Chiefs, and maintenance personnel. Each course of instruction will be limited to eight students per session. One government furnished AH-1Z and UH-1Y aircraft with a full complement of weapon systems will be used for approximately six weeks for hands-on practical exercises.

**(1) Aircrew.** BHTI is developing and will provide aircrew training during the H-1 Upgrade OT&E testing at NAVRWAIROSTRON. This training will be the “difference only” material from the existing AH-1W and UH-1N aircrew curriculum. Development of formal aircrew training will be limited to ground school. The training will be conducted just prior to the start of OT&E, and BHTI will present the same training again before the end of OT&E.

**Title ..... AH-1Z Pilot Training**

Description ..... This course provides AH-1Z difference data (AH-1W) Pilot Training including:

- Cockpit Management System (CMS)
- IAS
- Airframes and Hydraulic Systems
- Powertrain, Rotors, and Related Systems
- Electrical and Avionics Systems
- AFCS and EW Systems
- Fire Control Systems

Upon completion, the student will be able to perform as a AH-1Z Pilot in a squadron environment.

Location ..... NAVRWAIRTESTRON, Patuxent River

Length ..... 39 days

RFT date ..... May 2003

Prerequisites ..... MOS 7565

**Title ..... UH-1Y Pilot Training**

Description ..... This course provides UH-1Y difference data (UH-1N) Pilot Training including:

- CMS
- IAS
- Airframes and Hydraulic Systems
- Powertrain, Rotors, and Related Systems
- Electrical and Avionics Systems
- AFCS and EW Systems
- Fire Control Systems

Upon completion, the student will be able to perform as a UH-1Y Pilot in a squadron environment.

Location ..... NAVRWAIRTESTRON, Patuxent River

Length ..... 39 days

RFT date ..... May 2003

Prerequisites ..... MOS 7563

**Title .....** **UH-1Y Crew Chief Training**

Description ..... This course provides UH-1Y difference data (UH-1N) Crew Chief training including:

- CMS
- IAS
- Airframes and Hydraulic Systems
- Powertrain, Rotors, and Related Systems
- Electrical and Avionics Systems
- AFCS and EW Systems
- Fire Control Systems

Upon completion, the student will be able to perform as an UH-1Y Crew Chief in a squadron environment.

Location ..... NAVRWAIRTESTRON, Patuxent River

Length ..... 39 days

RFT date ..... May 2003

Prerequisites ..... MOS 6174

**(2) Maintenance.** BHTI is developing and will provide maintenance training at NAVRWAIRTESTRON just prior to OT&E, and BHTI will present the same training again before the end of OT&E. This training will be the “difference only” material from the existing AH-1W and UH-1N curriculum, and is designed to provide maintenance and troubleshooting of aircraft systems at the organizational level.

**Title .....** **H-1 Power Trains, Rotors, and Related Systems Integrated Organizational Maintenance**

Description ..... This course provides AH-1Z and UH-1Y difference data (AH-1W and UH-1N) training for initial cadre maintenance personnel including:

- CMS
- Forward Drivetrain
- Aft Drivetrain
- APU System and Operation
- Fire Suppression System
- Environment Control System
- Safety

Upon completion the student will be able to perform maintenance during testing.

Location ..... NAVRWAIRTESTRON, Patuxent River

Length ..... 30 days  
RFT date ..... May 2003  
TTE/TD ..... TBD  
Prerequisites ..... MOS 6114

**Title ..... H-1 Airframes Systems Integrated Organizational Maintenance**

Description ..... This course provides AH-1Z and UH-1Y difference data (AH-1W and UH-1N) training for initial cadre maintenance personnel including:

- CMS
- Forward Fuselage
- Aft Drivetrain
- Landing Gear Systems
- APU System and Operation
- Safety

Upon completion the student will be able to perform maintenance during testing.

Location ..... NAVRWAIRTESTRON, Patuxent River  
Length ..... 9 days  
RFT date ..... May 2003  
TTE/TD ..... TBD  
Prerequisites ..... MOS 6154

**Title .....** **H-1 Airframes Hydraulic Systems Integrated Organizational Maintenance**

Description ..... This course provides AH-1Z and UH-1Y difference data (AH-1W and UH-1N) training for initial cadre maintenance personnel including:

- CMS
- Hydraulic Systems One and Two
- APU System and Operation
- Pneumatic System
- Safety

Upon completion the student will be able to perform maintenance during testing.

Location ..... NAVRWAIRTESTRON, Patuxent River

Length ..... 9 days

RFT date ..... May 2003

TTE/TD ..... TBD

Prerequisites ..... MOS 6154

**Title .....** **H-1 Communication/Navigation Identification and Related Organizational Maintenance**

Description ..... This course provides AH-1Z and UH-1Y difference data (AH-1W and UH-1N) training for initial cadre maintenance personnel including:

- CMS
- IAS
- Communication Systems
- EW Systems
- Safety

Upon completion the student will be able to perform maintenance during testing.

Location ..... NAVRWAIRTESTRON, Patuxent River

Length ..... 11 days

RFT date ..... May 2003

TTE/TD ..... TBD

Prerequisites ..... MOS 6324

**Title .....** **H-1 Electrical and Automatic Flight Controls Systems Organizational Maintenance**

Description ..... This course provides AH-1Z and UH-1Y difference data (AH-1W and UH-1N) training for initial cadre maintenance personnel including:

- CMS
- Electrical AC/DC Systems
- AFCS
- Safety

Upon completion the student will be able to perform maintenance during testing.

Location ..... NAVRWAIRTESTRON, Patuxent River

Length ..... 17 days

RFT date ..... May 2003

TTE/TD ..... TBD

Prerequisites ..... MOS 6324

**Title .....** **H-1 Fire Control Organizational Maintenance**

Description ..... This course provides AH-1Z and UH-1Y difference data (AH-1W and UH-1N) training for initial cadre maintenance personnel including:

- CMS
- Armament Systems
- TSS
- IHDSS
- Miscellaneous Systems
- Safety

Upon completion the student will be able to perform maintenance during testing.

Location ..... NAVRWAIRTESTRON, Patuxent River

Length ..... 11 days

RFT date ..... May 2003

TTE/TD ..... TBD

Prerequisites ..... MOS 6324

|                           |  |
|---------------------------|--|
| <b>Title .....</b>        | <b>H-1 Armament Systems Organizational Maintenance</b>   |
| <b>Description .....</b>  | This course provides AH-1Z and UH-1Y difference data (AH-1W and UH-1N) training for initial cadre maintenance personnel including: <ul style="list-style-type: none"> <li>◦ CMS</li> <li>◦ Fire Control Systems</li> <li>◦ Weapons Systems</li> <li>◦ Safety</li> </ul> <p>Upon completion the student will be able to perform maintenance during testing.</p> |
| <b>Location .....</b>     | NAVRWAIRTESTRON, Patuxent River  |
| <b>Length .....</b>       | 5 days   |
| <b>RFT date .....</b>     | May 2003   |
| <b>TTE/TD .....</b>       | TBD  |
| <b>Prerequisite .....</b> | MOS 6531   |

**b. Follow-on Training.** Follow-on aircrew and maintenance training for H-1 Helicopters is performed in the process described earlier in this section. At this time, AH-1Z and UH-1Y follow-on training has not yet been developed. AH-1Z and UH-1Y follow-on training for aircrew and maintenance personnel will be conducted by HMT-303 FRS and HMT-303 NAMTRA MARUNIT, MCAS Camp Pendleton. Current plans indicate AH-1Z and UH-1Y follow-on training will consist of CBT for all classroom portions, primarily CAI for maintenance and ICW for aircrew. Training also includes maintenance lab time, simulator, and flight time. Follow-on training will use the cadre-training package as source data for incorporation into the curricula. The Ready For Training (RFT) date for aircrew personnel at HMT-303 FRS is scheduled for FY05. The RFT date for maintenance personnel at HMT-303 NAMTRA MARUNIT is scheduled for FY05.

**(1) Aircrew Training.** Aircrew training for H-1 Helicopters is dictated by the Aviation Training and Requirements (T/R) Manual, Volume III, Tactical Helicopter 100 series for the AH-1 Pilots, 600 series for the UH-1 Pilots, and 700 series for UH-1 Crew Chiefs and AGOs. Therefore, the following aircrew courses do not have official Course Identification Numbers (CINs) assigned, although some courses within the pipeline may have a CIN. To ease tracking throughout this document, aircrew courses have been assigned NA1 through NA12.

The following aircrew pipelines are already established at HMT-303 FRS MCAS Camp Pendleton for training on the AH-1W and the UH-1N Helicopters. These pipelines will be updated by replacing and modifying the existing courseware with AH-1Z and UH-1Y curriculum. Future updates of this NTSP will include these changes.

**Title .....** **AH-1 Fleet Replacement Basic and Transition Pilot Category I and II Pipeline**

**CIN .....** NA1

**Model Manager ...** HMT-303

**Description .....** This pipeline provides the Category I and II Student Pilot knowledge and skills including:

- AH-1 Familiarization
- AH-1 NTS/LASER/FLIR Theory
- AH-1 ICW
- AH-1 Combat Capable
- Crew Tactics and Safety
- Communications and Navigation
- Naval Air Training and Operating Procedures Standardization (NATOPS)

Upon completion, the student will be able to perform as an AH-1 Pilot in a squadron environment.

**Location .....** HMT-303 FRS, MCAS Camp Pendleton

**Length .....** 152 days

**RFT date .....** Currently available

**Skill identifier.....** MOS 7565

**TTE/TD.....** ◦ Weapon System Trainer (WST) 2F136  
 ◦ Aircrew Procedures Trainer (APT) 2F170  
 Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed Technical Training Equipment (TTE) and TD information

**Prerequisites .....** ◦ Graduate of Naval Aviation Flight School  
 ◦ Security Clearance - Secret

**Title .....** **AH-1 Conversion Pilot**

CIN ..... NA2

Model Manager ... HMT-303

Description ..... This pipeline provides the AH-1 Conversion Student Pilot knowledge and skills including:

- AH-1 Familiarization
- AH-1 NTS/LASER/FLIR Theory
- AH-1 ICW
- AH-1 Combat Capable
- Crew Tactics and Safety
- Communications and Navigation
- NATOPS

Upon completion, the student will be able to perform as an AH-1 Pilot in a squadron environment.

Location ..... HMT-303 FRS, MCAS Camp Pendleton

Length ..... 110 days

RFT date ..... Currently available

Skill identifier..... MOS 7565

TTE/TD..... ◦ WST 2F136  
◦ APT 2F170

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

Prerequisites ..... ◦ Graduate of Naval Aviation Flight School  
◦ Security Clearance - Secret

**Title .....** **AH-1 Fleet Replacement Refresher Pilot Category III Pipeline**

CIN ..... NA3

Model Manager ... HMT-303

Description ..... This pipeline provides the Category III Student Pilot knowledge and skills including:

- AH-1 Familiarization
- AH-1 NTS/LASER/FLIR Theory
- AH-1 Combat Capable
- AH-1 Full-Combat Qualification Training
- Crew Tactics and Safety
- Communications and Navigation
- NATOPS

Upon completion, the student will be able to perform as an AH-1 Pilot in a squadron environment.

Location ..... HMT-303 FRS, MCAS Camp Pendleton

Length ..... 54 days

RFT date ..... Currently available

Skill identifier..... MOS 7565

TTE/TD..... ◦ WST 2F136  
◦ APT 2F170

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

Prerequisites ..... ◦ Graduate of Naval Aviation Flight School  
◦ Security Clearance – Secret  
◦ AH-1 Fleet Replacement Pilot Category I/II Pipeline

**Title .....** **AH-1 FRS Instructor Pilot**

CIN ..... NA4

Model Manager ... HMT-303

Description ..... This pipeline provides the prospective Instructor Pilot knowledge and skills including:

- Instructional Techniques
- Flight Training
- Crew Tactics and Safety
- Communications and Navigation
- Instructor Pilot Flight Training
- NATOPS

Upon completion, the student will be able to perform as an AH-1 Instructor Pilot in a training squadron environment.

Location ..... HMT-303 FRS, MCAS Camp Pendleton

Length ..... 28 days

RFT date ..... Currently available

Skill identifier..... MOS 7565

TTE/TD..... ◦ WST 2F136  
◦ APT 2F170

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

Prerequisites ..... ◦ Graduate of Naval Aviation Flight School  
◦ Security Clearance – Secret  
◦ AH-1 Fleet Replacement Pilot Category I/II Pipeline

**Title .....** **UH-1 Fleet Replacement Basic and Transition Pilot Category I and II Pipeline**

CIN ..... NA5

Model Manager ... HMT-303

Description ..... This pipeline provides the Category I and II Student Pilot knowledge and skills including:

- UH-1 Familiarization
- UH-1 Ground School
- UH-1 Combat Capable Phase
- Crew Tactics and Safety
- Communications and Navigation
- NATOPS

Upon completion, the student will be able to perform as a UH-1 Pilot in a squadron environment.

Location ..... HMT-303 FRS, MCAS Camp Pendleton

Length ..... 138 days

RFT date ..... Currently available

Skill identifier..... MOS 7563

TTE/TD..... ◦ WST 2F161  
◦ APT 2F175

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

Prerequisites ..... ◦ Graduate of Naval Aviation Flight School  
◦ Security Clearance - Secret

**Title .....** **UH-1 Conversion Pilot**

CIN ..... NA6

Model Manager ... HMT-303

Description ..... This pipeline provides the UH-1 Conversion Student Pilot knowledge and skills including:

- UH-1 Familiarization
- UH-1 Ground School
- UH-1 Combat Capable Phase
- Crew Tactics and Safety
- Communications and Navigation
- NATOPS

Upon completion, the student will be able to perform as a UH-1 Pilot in a squadron environment.

Location ..... HMT-303 FRS, MCAS Camp Pendleton

Length ..... 68 days

RFT date ..... Currently available

Skill identifier..... MOS 7563

TTE/TD..... ◦ WST 2F161  
◦ APT 2F175

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

Prerequisites ..... ◦ Graduate of Naval Aviation Flight School  
◦ Security Clearance - Secret

**Title .....** **UH-1 Fleet Replacement Refresher Pilot Category III Pipeline**

CIN ..... NA7

Model Manager ... HMT-303

Description ..... This pipeline provides the Category III Student Pilot knowledge and skills including:

- UH-1 Familiarization
- UH-1 Ground School
- UH-1 Combat Capable Phase
- Crew Tactics and Safety
- Communications and Navigation
- NATOPS

Upon completion, the student will be able to perform as a UH-1 Pilot in a squadron environment.

Location ..... HMT-303 FRS, MCAS Camp Pendleton

Length ..... 61 days

RFT date ..... Currently available

Skill identifier..... MOS 7563

TTE/TD..... ◦ WST 2F161  
◦ APT 2F175

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

Prerequisites ..... ◦ Graduate of Naval Aviation Flight School  
◦ Security Clearance – Secret  
◦ UH-1 Fleet Replacement Pilot Category I/II Pipeline

**Title .....** **UH-1 Fleet Replacement Modified Refresher Pilot Category IV Pipeline**

CIN ..... NA8

Model Manager ... HMT-303

Description ..... This pipeline provides the Category IV Student Pilot knowledge and skills:

- UH-1 Familiarization
- UH-1 Ground School
- UH-1 Combat Capable Phase
- Crew Tactics and Safety
- Communications and Navigation
- NATOPS

Upon completion, the student will be able to perform as a UH-1 Pilot in a squadron environment.

Location ..... HMT-303 FRS, MCAS Camp Pendleton

Length ..... 40 days

RFT date Currently available

Skill identifier..... MOS 7563

TTE/TD..... ◦ WST 2F161  
◦ APT 2F175

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

Prerequisites ..... ◦ Graduate of Naval Aviation Flight School  
◦ Security Clearance – Secret  
◦ UH-1 Fleet Replacement Pilot Category I/II Pipeline

**Title .....** **UH-1 FRS Instructor Pilot**

CIN ..... NA9

Model Manager ... HMT-303

Description ..... This pipeline provides the prospective Instructor Pilot knowledge and skills including:

- UH-1 Ground School
- Instructional Techniques
- Flight Training
- Crew Tactics and Safety
- Communications and Navigation
- Instructor Pilot Flight Training
- NATOPS

Upon completion, the student will be able to perform as an UH-1 Instructor Pilot in a training squadron environment.

Location ..... HMT-303 FRS, MCAS Camp Pendleton

Length ..... 28 days

RFT date Currently available

Skill identifier..... MOS 7563

TTE/TD..... ◦ WST 2F161  
◦ APT 2F175

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

Prerequisites ..... ◦ Graduate of Naval Aviation Flight School  
◦ Security Clearance – Secret  
◦ UH-1 Fleet Replacement Pilot Category I/II Pipeline

**Title .....** **UH-1 Basic and Transition Crew Chief Category I and II Pipeline**

**CIN .....** NA10

**Model Manager ...** HMT-303

**Description .....** This pipeline provides the Category I and II Student Crew Chief knowledge and skills including:

- UH-1 Familiarization
- Ground School
- Combat Capable Phase
- Crew Tactics and Safety
- NATOPS

Upon completion, the student will be able to perform as a UH-1 Crew Chief in a squadron environment without supervision.

**Location .....** HMT-303 FRS, MCAS Camp Pendleton

**Length .....** 149 days

**RFT date .....** Currently available

**Skill identifier.....** MOS 6174

**TTE/TD.....** ◦ WST 2F161  
◦ APT 2F175

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

**Prerequisites .....** ◦ C-600-2010, Basic Helicopter Class M1, Naval Aircrewman Candidate School  
◦ E-2D-0032, Survival Evasion Resistance and Escape  
◦ D-9E-1225, Naval Aviation Water Survival Program R2  
◦ Q-050-1500, Naval Aircrewman Candidate School  
◦ B-322-0040, Refresher Aerospace Physiology Maritime  
◦ Security Clearance - Secret

**Title .....** **UH-1 Conversion Crew Chief**

CIN ..... NA11

Model Manager ... HMT-303

Description ..... This pipeline provides the UH-1 Conversion Student Crew Chief knowledge and skills including:

- UH-1 Familiarization
- Ground School
- Combat Capable Phase
- Crew Tactics and Safety
- NATOPS

Upon completion, the student will be able to perform as a UH-1N Crew Chief in a squadron environment without supervision.

Location ..... HMT-303 FRS, MCAS Camp Pendleton

Length ..... 138 days

RFT date ..... Currently available

Skill identifier..... MOS 6174

TTE/TD..... ◦ WST 2F161  
◦ APT 2F175

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

Prerequisites ..... ◦ C-600-2010, Basic Helicopter Class M1, Naval Aircrewman Candidate School  
◦ E-2D-0032, Survival Evasion Resistance and Escape  
◦ D-9E-1225, Naval Aviation Water Survival Program R2  
◦ Q-050-1500, Naval Aircrewman Candidate School  
◦ B-322-0040, Refresher Aerospace Physiology Maritime  
◦ Security Clearance - Secret

**Note:** UH-1 Refresher Crew Chief, Category III, and UH-1 AGO Basic, Transition, Conversion, and Refresher training is conducted at the tactical squadron assigned and in accordance with the T/R manual syllabus.

**Title .....** **UH-1 Crew Chief Instructor**

CIN ..... NA12

Model Manager ... HMT-303

Description ..... This pipeline provides the prospective UH-1 Crew Chief Instructor knowledge and skills including:

- Ground School
- Weapons and Tactics
- Night Systems
- Terrain Flight
- Air Combat Maneuver
- Aerial Gunnery
- Crew Tactics and Safety
- NATOPS

Upon completion of any one of the five graduate level courses, Weapons and Tactics, Night Systems, Terrain Flight, or Aerial Gunnery, the student will be able to perform as a UH-1 Crew Chief Instructor in a training squadron environment.

Location ..... HMT-303 FRS, MCAS Camp Pendleton

Length ..... 124 days

RFT date ..... Currently available

Skill identifier..... MOS 6177

TTE/TD..... ◦ WST 2F161  
◦ APT 2F175

Refer to Elements IV.A.1 and IV.A.2, respectively, for detailed TTE and TD information

Prerequisites ..... ◦ C-600-2010, Basic Helicopter Class M1, Naval Aircrewman Candidate School  
◦ E-2D-0032, Survival Evasion Resistance and Escape  
◦ D-9E-1225, Naval Aviation Water Survival Program R2  
◦ Q-050-1500, Naval Aircrewman Candidate School  
◦ B-322-0040, Refresher Aerospace Physiology Maritime  
◦ MOS 6174  
◦ UH-1 Crew Chief Category I/II Pipeline  
◦ Combat Ready Phase (200 level)  
◦ Security Clearance - Secret

**(2) Maintenance Training.** The following maintenance pipelines and courses are already established at HMT-303 NAMTRA MARUNIT, MCAS Camp Pendleton for training on the AH-1W and the UH-1N Helicopters. These pipelines and courses will be updated by replacing and modifying the existing courseware with AH-1Z and UH-1Y curriculum. Future updates of this NTSP will include these changes.

**(a) Organizational Level Maintenance.** Current courseware for personnel with MOS 6114, 6154, 6324, and 6531 is as follows:

|                       |  |
|-----------------------|--|
| <b>Title .....</b>    | <b>AH-1W and UH-1N Power Plants, Power Trains, and Rotors Maintenance</b>  |
| CIN .....             | M-601-2014   |
| Model Manager ...     | HMT-303 NAMTRA MARUNIT   |
| Description .....     | This track provides the A/UH-1 Helicopter Mechanic knowledge and skills including: <ul style="list-style-type: none"> <li>° AH-1W Power Trains, Rotors, and Related Systems Organizational Maintenance</li> <li>° H-1 Combined Maintenance</li> <li>° UH-1N Power Trains, Rotors, and Related Systems Organizational Maintenance</li> <li>° Publications and Safety Procedures</li> </ul> <p>Upon completion, the student will be able to perform as an AH-1W and UH-1N Power Plants Technician in a squadron environment under close supervision.</p> |
| Location .....        | HMT-303 NAMTRA MARUNIT, MCAS Camp Pendleton  |
| Length .....          | 60 days  |
| RFT date .....        | Currently available  |
| Skill identifier..... | MOS 6114   |
| TTE/TD.....           | ° AH-1W Composite Maintenance Trainers (CMT) 410101 and 111101<br>° UH-1N CMTs 110201 and 310101<br>° Engine Remove/Replace Trainer (ERRT) 222101<br>Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.  |
| Prerequisites .....   | ° C-601-2011, Aviation Machinist’s Mate Common A1<br>° C-601-2012, Aviation Machinist’s Mate Helicopter Fundamentals Strand Class A1   |

**Title .....** **A/UH-1 Helicopter Airframe Mechanic**

**CIN .....** M-602-2081

**Model Manager ...** HMT-303 NAMTRA MARUNIT

**Description .....** This track provides the A/UH-1 Helicopter Airframe Mechanic knowledge and skills including:

- H-1 Airframes Systems Organizational Maintenance
- AH-1W and UH-1N Hydraulic Systems
- Stability Control Augmentation System (SCAS)
- Corrosion Control including Hazardous Materials
- Stubwing/Tailboom and Elevators
- AH-1W Canopy System
- Publications and Safety Procedures

Upon completion, the student will be able to perform as an A/UH-1 Helicopter Airframe Mechanic in a squadron environment under close supervision.

**Location .....** HMT-303 NAMTRA MARUNIT, MCAS Camp Pendleton

**Length .....** 30 days

**RFT date .....** Currently available

**Skill identifier.....** MOS 6154

**TTE/TD.....**

- AH-1W CMTs 410101 and 111101
- UH-1N CMTs 310101 and 110201
- ERRT 222101
- UH-1N Avionics Trainer (AVT) 142401

Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.

**Prerequisite.....**

- C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1
- C-603-0176, Aviation Structural Mechanic Organizational Level Strand Class A1

**Title .....** **H-1 Communication, Navigation, Identification System Maintenance**

**CIN .....** M-102-2024

**Model Manager ...** HMT-303 NAMTRA MARUNIT

**Description .....** This track provides the A/UH-1 Aircraft Communication/Navigation/Electrical/Weapon Systems Technician the knowledge and skills including:

- H-1 Communication, Navigation, Identification, and Related Systems Organizational Maintenance
- H-1 Electrical and SCAS Organizational Maintenance
- AH-1W Tube Launched Optically-Tracked Wire-Guided (TOW)/HELLFIRE Control and Display System Integrated Organizational Maintenance
- H-1 Wire Bundle Repair Organizational Maintenance
- AH-1W NTS and UH-1N Navigational Thermal Imaging Systems Organizational Maintenance
- Publications and Safety Procedures

Upon completion, the student will be able to perform as an H-1 Communication, Navigation, Identification System Maintenance Technician in a squadron environment under close supervision.

**Location .....** HMT-303 NAMTRA MARUNIT

**Length .....** 114 days

**RFT date .....** Currently available

**Skill identifier.....** MOS 6324

**TTE/TD.....** ◦ AH-1W CMTs 410101 and 111101  
◦ UH-1N CMTs 310101 and 110201  
◦ UH-1N Electrical/Armament Trainer (EAT) 142301  
Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.

**Prerequisite.....** ◦ C-100-2020, Avionics Common Core Class A1  
◦ C-100-2018, Avionics Technician O Level Class A1  
◦ Security Clearance - Secret

**Title .....** **AH-1W and UH-1N Armament Systems Maintenance**

**CIN .....** M-646-2044

**Model Manager ...** HMT-303 NAMTRA MARUNIT

**Description .....** This track provides the Aviation Ordnance Technician the knowledge and skills including:

- Introduction of M197 20MM, GAU-17/A, GAU-16/A, M249D Aircraft Machine Gun and M89 Delinking Feeder
- AH-1W Turret Maintenance
- AH-1/UH-1 Conventional Weapons Loading
- AN/ALE-39 Countermeasures Systems
- AIM-9/AGM-122 TOW, and HELLFIRE Missile Systems
- Armament System Emergency Procedures
- Scheduled and Unscheduled Maintenance Procedures
- Publications and Safety Procedures

Upon completion, the student will be able to perform as an AH-1W and UH-1N Armament Systems Maintenance Technician in a squadron environment under close supervision.

**Location .....** HMT-303 NAMTRA MARUNIT

**Length .....** 65 days

**RFT date .....** Currently available

**Skill identifier.....** MOS 6531

**TTE/TD.....** ◦ EAT 142301  
 ◦ AH-1W CMTs 410101 and 111101  
 ◦ UH-1N CMTs 310101 and 110201

Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.

**Prerequisite.....** ◦ C-646-2011, Aviation Ordnanceman Common Core Class A1  
 ◦ C-646-2012, Aviation Ordnanceman Airwing Strand Class A1  
 ◦ Security Clearance - Secret

**(b) Intermediate Level Maintenance.** AH-1Z and UH-1Y follow-on training has not yet been developed. Future updates of this NTSP will include the

updated courseware. Current courseware for personnel with MOS 6062, 6124, 6132, 6413, 6422, 6433, 6483, and 6541 is as follows:

|                       |   |
|-----------------------|---|
| <b>Title .....</b>    | <b>F/A-18 Hydraulics Components Intermediate Maintenance</b>  |
| CIN .....             | D/E-602-4007  |
| Model Manager ...     | Maintenance Training Unit (MTU) 1038 Naval Air Training Unit (NAMTRAU) Lemoore  |
| Description .....     | This track provides the Aircraft Intermediate Level Hydraulic/Pneumatic Mechanic knowledge and skills including: <ul style="list-style-type: none"> <li>◦ Operation</li> <li>◦ Testing</li> <li>◦ Troubleshooting</li> <li>◦ Component Repair</li> <li>◦ Servo-cylinder Test Station</li> <li>◦ Publications</li> <li>◦ Safety procedures</li> </ul> <p>Upon completion, the student will be able to perform as a Hydraulics Components Intermediate Maintenance Mechanic in a shop environment under close supervision</p> |
| Location .....        | ◦ MTU 1039 NAMTRAU Oceana, Virginia<br>◦ MTU 1038 NAMTRAU Lemoore, California   |
| Length .....          | 54 days   |
| RFT date .....        | Currently available   |
| Skill identifier..... | MOS 6062  |
| TTE/TD.....           | ◦ Hydraulic Horizontal Stabilizer Servo-cylinder<br>◦ Servo-cylinder Test Station<br>◦ Hydraulic Drive Unit Servo-Valve Assembly<br>Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.  |
| Prerequisite.....     | ◦ C-603-0175, Aviation Structural Mechanic (Structure and Hydraulics) Class A1<br>◦ C-603-0176, Aviation Structural Mechanic Organizational Level Strand Class A1   |

|                       |  |
|-----------------------|--|
| <b>Title .....</b>    | <b>T-400/T-700 Engine First Degree Intermediate Maintenance</b>  |
| CIN .....             | M-601-3027   |
| Model Manager ...     | HMT-303 NAMTRA MARUNIT   |
| Description .....     | <p>This track provides the T-400/T-700 Helicopter Power Plants Mechanic knowledge and skills including:</p> <ul style="list-style-type: none"> <li>◦ T700-GE 401 Engine Intermediate Maintenance (First Degree)</li> <li>◦ T-400 Series Engine First Degree Intermediate Maintenance</li> <li>◦ T-400/700 Engine Theory of Operation</li> <li>◦ T-400/700 Engine Removal and Installation</li> <li>◦ T-400/700 Engine Inspection and Troubleshooting</li> <li>◦ T-400/700 Engine System Analysis</li> <li>◦ T-400/700 Engine Borescoping Procedures</li> <li>◦ T-400/700 Engine Publications and Safety Procedures</li> </ul> <p>Upon completion, the student will be able to perform as an T-400/T-700 Engine First Degree Intermediate Maintenance Technician in a shop environment under close supervision.</p> |
| Location .....        | HMT-303 NAMTRA MARUNIT, MCAS Camp Pendleton  |
| Length .....          | 64 days  |
| RFT date .....        | Currently available  |
| Skill identifier..... | MOS 6124   |
| TTE/TD.....           | <ul style="list-style-type: none"> <li>◦ T400 Reduction Gearbox</li> <li>◦ T400-CP-400 Power Section</li> <li>◦ T400-WV-402 Power Section</li> <li>◦ T700-GE-401 Engine Assembly</li> </ul> <p>Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.</p>  |
| Prerequisite.....     | <ul style="list-style-type: none"> <li>◦ C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>◦ C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>  |

|                       |   |
|-----------------------|---|
| <b>Title .....</b>    | <b>Helicopter Dynamic Component Intermediate Maintenance</b>  |
| CIN .....             | M-601-3090  |
| Model Manager ...     | HMT-302 NAMTRA MARUNIT  |
| Description .....     | <p>This track provides the Helicopter Tiltrotor Dynamic Components Mechanic knowledge and skills including:</p> <ul style="list-style-type: none"> <li>° Helicopter Dynamic Component Repair Intermediate Maintenance</li> <li>° CH-46 Rotors and Related System</li> <li>° UH-1 Rotors and Related System</li> <li>° Maintenance and Servicing</li> <li>° Corrosion Control (Basic)</li> <li>° Test Equipment and Special Tools</li> <li>° Publications and Safety Procedures</li> </ul> <p>Upon completion, the student will be able to perform as a Helicopter Dynamic Components Intermediate Maintenance Mechanic in a shop environment under close supervision.</p> |
| Location .....        | HMT-302 NAMTRA MARUNIT, MCAS New River  |
| Length .....          | 29 days   |
| RFT date .....        | Currently available   |
| Skill identifier..... | MOS 6132  |
| TTE/TD.....           | <ul style="list-style-type: none"> <li>° Rotor Head Assembly</li> <li>° Swashplate Assembly</li> <li>° Scissors and Sleeve Assembly</li> <li>° Tail Rotor Assembly</li> </ul> <p>Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.</p>   |
| Prerequisites .....   | <ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> <li>° C-600-2010, Basic Helicopter Class M1</li> </ul>  |

**Title .....** **Aircraft Navigation Systems Equipment Intermediate Maintenance**

**CIN .....** M-102-6413

**Model Manager ...** Fixed Wing Marine Attack Training Squadron (VMAT) - 203 NAMTRA MARUNIT

**Description .....** This track provides the IMA IFF/RADAR/ Tactical Air Navigation Aircraft Navigation (TACAN)System Technician knowledge and skills including:

- Aircraft Systems Purpose and Operation
- APX-72/APX-100 IFF
- AN/ARN-118(V) TACAN
- AN/APN-194(V) Radar Altimeter systems
- Publications
- Safety Procedures

Upon completion, the student will be able to perform as an Aircraft Navigation Systems Equipment Intermediate Maintenance Technician in a shop environment under close supervision.

**Location .....** VMAT-203 NAMTRA MARUNIT, MCAS Cherry Point, North Carolina

**Length .....** 65 days

**RFT date .....** Currently available

**Skill identifier.....** MOS 6413

**TTE/TD.....** ◦ AN/APX-72 IFF Transponder  
◦ AN/APX-100(V) IFF Transponder  
◦ AN/ARN-118(V) TACAN  
◦ AN/APN-194(V) Radar Altimeter

Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.

**Prerequisites .....** ◦ C-100-2020, Avionics Common Core Class A1  
◦ C-100-2017, Avionics Technician I Level Class A1  
◦ Security Clearance - Confidential

**Title .....** **Cryptographic Equipment Intermediate Maintenance**

CIN ..... D/E-102-6122

Model Manager ... MTU 1039 NAMTRAU Oceana

Description ..... This track provides the IMA Aircraft Cryptographic Systems Technician knowledge and skills including:

- KT-1C
- KT-58
- ANDVT Security Equipment
- TSEC/KG-40A

Upon completion, the student will be able to perform as a Cryptographic Equipment Intermediate Maintenance Technician in a shop environment under close supervision.

Locations..... ◦ MTU 1039 NAMTRAU Oceana  
◦ MTU 1038 NAMTRAU Lemoore

Length ..... 19 days

RFT date ..... Currently available

Skill identifier..... MOS 6422

TTE/TD..... ◦ KT-1C  
◦ KT-58  
◦ ANDVT Equipment  
◦ TSEC/KG-40A  
◦ Cryptographic Unit

Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.

Prerequisites ..... ◦ C-100-2020, Avionics Common Core Class A1  
◦ C-100-2017, Avionics Technician I Level Class A1  
◦ MOS 6412  
◦ Security Clearance – Secret

**Title .....** **H-1 Aircraft Electrical Instrument/Automatic Flight Control System Equipment Intermediate Maintenance**

**CIN .....** M-602-5811

**Model Manager ...** HMT-303 NAMTRA MARUNIT, MCAS Camp Pendleton

**Description .....** This track provides the IMA Aircraft Electrical/Instrument/Flight Control Systems Technicians with knowledge and skills including:

- AH-1W and UH-1N AFCS
- SCAS
- H-1 Electrical
- AH-1W Armament and Control Delivery
- AH-1W A/A49E-7 Turret System
- Aircraft Battery Maintenance
- Publications and Safety Procedures

Upon completion, the student will be able to perform as a H-1 Aircraft Electrical Instrument/Automatic Flight Control System Equipment Intermediate Maintenance Technician in a shop environment under close supervision.

**Location .....** HMT-303 NAMTRA MARUNIT, MCAS Camp Pendleton

**Length .....** 66 days

**RFT date .....** Currently available

**Skill identifier.....** MOS 6433

**TTE/TD.....** ◦ AH-1W CMTs 410101 and 111101  
◦ UH-1N CMTs 310101 and 110201  
◦ EAT 142301  
◦ AVT 142401  
◦ ERRT 222101

Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.

**Prerequisites .....** ◦ C-100-2020, Avionics Common Core Class A1  
◦ C-602-2039, Aviation Electricians Mate O Level Strand Class A1  
◦ Security Clearance - Confidential

**Title .....** **Helicopter Deceptive Electronic Countermeasures Intermediate Maintenance**

CIN ..... M-102-6483

Model Manager ... VMAT-203 NAMTRA MARUNIT

Description ..... This track provides the IMA Helicopter Aircraft Electronic Countermeasures Systems Technician knowledge and skills including:

- AN/AAR-47 MWS
- AN/AVS-6 ANVIS
- AN/AVR-2 LDS
- AN/ALE-39 ECM
- AN/APR-39(V)1 RSDS
- AN/ALQ-144(V)1 ECM
- AN/ALQ-157(V) IR ECM

Upon completion, the student will be able to perform as a Helicopter Deceptive Electronic Countermeasures Intermediate Maintenance Technician in a shop environment under close supervision.

Location ..... VMAT-203 NAMTRA MARUNIT, MCAS Cherry Point

Length ..... 75 days

RFT date ..... Currently available

Skill identifier..... MOS 6483

TTE/TD..... ◦ AN/AAR-47 Receiver  
◦ AN/AVS-6 Receiver  
◦ AN/AVR-2 Receiver  
◦ AN/ALE-39 Receiver  
◦ AN/APR-39(V)1 Receiver  
◦ AN/ALQ-144(V)1 Receiver  
◦ AN/ALQ-157(V) Receiver

Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.

Prerequisites ..... ◦ C-100-2020, Avionics Common Core Class A1  
◦ C-100-2017, Avionics Technician I Level Class A1  
◦ Security Clearance - Secret

**Title .....** **Aviation Ordnance Technician Intermediate Maintenance**

**CIN .....** M-646-7026

**Model Manager ...** VMAT-203 NAMTRA MARUNIT, MCAS Cherry Point

**Description .....** This track provides the Aviation Ordnance Systems Technician the knowledge and skills including:

- Hazardous Material
- Explosive Driver
- Publications and Safety Procedures
- Aviation Ordnance Intermediate Maintenance

Upon completion, the student will be able to perform as an Aviation Ordnance Intermediate Maintenance Technician in a shop environment under close supervision.

**Location .....** VMAT-203 NAMTRA MARUNIT, MCAS Cherry Point

**Length .....** 79 days

**RFT date .....** Currently available

**Skill identifier.....** MOS 6541

**TTE/TD.....** ◦ BRU-20/21/22 Bomb Racks  
 ◦ LAU-10 Rocket Launcher  
 ◦ M-197 and M-60 Machine Guns  
 ◦ LAU-7 Missile Launcher with ADU-299 Adapter  
 ◦ M272 HELLFIRE Launcher

Refer to Elements IVA.1 and IV.A.2, respectively, for detailed TTE/TD information.

**Prerequisite.....** ◦ C-646-2012, Aviation Ordnanceman Airwing Strand A1  
 ◦ Security Clearance - Secret

**c. Student Profiles**

| <b>SKILL IDENTIFIER</b> | <b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>   |
|-------------------------|--|
| MOS 6062                | ◦ C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1<br>◦ C-603-0176, Aviation Structural Mechanic Organizational Level Strand Class A1 |

| <b>SKILL IDENTIFIER</b> | <b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>   |
|-------------------------|--|
| MOS 6114                | <ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>   |
| MOS 6124                | <ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> </ul>  |
| MOS 6132                | <ul style="list-style-type: none"> <li>° C-601-2011, Aviation Machinist's Mate Common Core Class A1</li> <li>° C-601-2012, Aviation Machinist's Mate Helicopter Fundamentals Strand Class A1</li> <li>° C-600-2010, Basic Helicopter Class M1</li> </ul>   |
| MOS 6154                | <ul style="list-style-type: none"> <li>° C-603-0175, Aviation Structural Mechanic (Structures and Hydraulics) Common Core Class A1</li> <li>° C-603-0176, Aviation Structural Mechanic Organizational Level Strand Class A1</li> </ul>   |
| MOS 6174                | <ul style="list-style-type: none"> <li>° C-600-2010, Basic Helicopter Class M1, Naval Aircrewman Candidate School</li> <li>° E-2D-0032, Survival Evasion Resistance and Escape</li> <li>° D-9E-1225, Naval Aviation Water Survival Program R2</li> <li>° Q-050-1500, Naval Aircrewman Candidate School</li> <li>° B-322-0040, Refresher Aerospace Physiology Maritime</li> </ul> |
| MOS 6177                | <ul style="list-style-type: none"> <li>° C-600-2010, Basic Helicopter Class M1, Naval Aircrewman Candidate School</li> <li>° E-2D-0032, Survival Evasion Resistance and Escape</li> <li>° D-9E-1225, Naval Aviation Water Survival Program R2</li> <li>° Q-050-1500, Naval Aircrewman Candidate School</li> <li>° B-322-0040, Refresher Aerospace Physiology Maritime</li> </ul> |
| MOS 6324                | <ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2018, Avionics Technician O Level Class A1</li> </ul>  |
| MOS 6413                | <ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2017, Avionics Technician I Level Class A1</li> </ul>  |

| <b>SKILL IDENTIFIER</b> | <b>PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS</b>  |
|-------------------------|---|
| MOS 6422                | <ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2017, Avionics Technician I Level Class A1</li> <li>° MOS 6412</li> </ul> |
| MOS 6433                | <ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-602-2039, Aviation Electricians Mate O Level Strand Class A1</li> </ul>       |
| MOS 6483                | <ul style="list-style-type: none"> <li>° C-100-2020, Avionics Common Core Class A1</li> <li>° C-100-2017, Avionics Technician I Level Class A1</li> </ul>                     |
| MOS 6531                | <ul style="list-style-type: none"> <li>° C-646-2011, Aviation Ordnanceman Common Core Class A1</li> <li>° C-646-2012, Aviation Ordnanceman Airwing Strand Class A1</li> </ul> |
| MOS 6541                | <ul style="list-style-type: none"> <li>° C-646-2012, Aviation Ordnanceman Airwing Strand A1</li> </ul>  |
| MOS 7563                | <ul style="list-style-type: none"> <li>° Graduate of Naval Aviation Flight School</li> </ul>  |
| MOS 7565                | <ul style="list-style-type: none"> <li>° Graduate of Naval Aviation Flight School</li> </ul>  |

**d. Training Pipelines.** At the current time no new training pipelines or tracks will be required to support the AH-1Z and UH-1Y acquisition. The training tracks and courses currently supporting the AH-1W and UH-1N will be modified to include the new systems and equipment.

## **I. ONBOARD (IN-SERVICE) TRAINING**

### **1. Proficiency or Other Training Organic to the New Development**

**a. Maintenance Training Improvement Program.** Current planning is to adopt the Aviation Maintenance Training Continuum System (AMTCS) concepts to replace the Maintenance Training Improvement Program (MTIP). AMTCS is scheduled to begin full implementation for fleet deployment in FY02.

**b. Aviation Maintenance Training Continuum System.** AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS concepts will provide an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. Where appropriate, capitalizing on technological

advances and integrating systems and processes can provide the right amount of training at the right time, thus meeting the CNO's mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Interactive Multimedia Instruction for the technicians in the Fleet in the form of ICW with Computer Managed Instruction and CAI for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module, which provides testing (Test and Evaluation), recording (Electronic Certification Qualification Records) and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List data bank. These tools are procured and fielded with appropriate COTS hardware and software, i.e., Fleet TDs, laptops, PCs, Electronic Classrooms, Learning Resource Centers, operating software, network software, and hardware.

Upon receipt of direction from OPNAV (N789H), AMTCS concepts are to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs.

**2. Personnel Qualification Standards. NA**

**3. Other Onboard or In-Service Training Packages.** Marine Corps onboard training is based on the current series of MCO P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 series, maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be enhanced with refresher training. (MATMEP is planned to be replaced by AMTCS.)

**J. LOGISTICS SUPPORT**

**1. Manufacturer and Contract Numbers**

| <b>CONTRACT NUMBER</b> | <b>MANUFACTURER</b>          | <b>ADDRESS</b>                       |
|------------------------|------------------------------|--------------------------------------|
| N0001996C0128          | Bell Helicopter Textron, Inc | P.O. Box 482<br>Fort Worth, TX 76101 |

**2. Program Documentation.** Approval to Change 2 is pending for both the AH-1W Upgrade Operational Requirements Document (ORD), OPNAV 5000 AAS-35, and the UH-1N Upgrade ORD, OPNAV 5000 AAS-35.

**3. Technical Data Plan.** The technical manuals required for support and training of the AH-1Z and UH-1Y are being developed by BHTI, with an estimated completion date of first quarter FY02.

**4. Test Sets, Tools, and Test Equipment.** BHTI has recommended tools, test sets, and test equipment to support the AH-1Z and UH-1Y. This list is being generated through the Logistics Support Analysis Requirements (LSAR) process and reviewed by the Support Equipment Integrated Product Team (SEIPT), comprised of PMA276 and BHTI. An approved list will be included in updates to this NTSP.

**5. Repair Parts.** The contractor will provide interim supply support, including vendor items required to support the AH-1Z and UH-1Y until the MSD. The estimated MSD for the AH-1Z is FY09 and the estimated MSD for the UH-1Y is FY08.

**6. Human Systems Integration.** NA

## **K. SCHEDULES**

**1. Installation and Delivery Schedules.** An Initial Operational Capability (IOC) no later than FY06 is required for both the AH-1Z and UH-1Y. IOC for the AH-1Z will be achieved when the first squadron receives a detachment of six AH-1Z Helicopters with required SE, technical publications, trained operators and aircrew, maintenance personnel, and initial spares with interim repair support in place. Full Operational Capability (FOC) will be achieved when all maintenance and repair support, test equipment, and spares are in place; active force primary aircraft authorization to include training, research and development aircraft (quantity 132) are modified to a final, fully integrated configuration; and all personnel are trained.

IOC for the UH-1Y will be achieved when the first HMLA squadron receives a detachment of three UH-1Y Helicopters with required SE, technical publications, trained operators and aircrew, maintenance personnel, and initial spares with interim repair support in place. FOC will be achieved when all maintenance and repair support, test equipment, and spares are in place; active force primary aircraft authorization to include training, research and development aircraft (quantity 66) are modified to a final, fully integrated configuration; and all personnel are trained.

| UPGRADES SCHEDULE BY TYPE AIRCRAFT AND FY |    |    |    |    |    |    |    |    |    |    |       |
|---|----|----|----|----|----|----|----|----|----|----|-------|
| AIRCRAFT                                  | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | TOTAL |
| AH-1Z                                     | 6  | 12 | 15 | 24 | 24 | 24 | 24 | 24 | 7  | 2  | 162   |
| UH-1Y                                     | 3  | 7  | 8  | 11 | 11 | 11 | 12 | 12 | 12 | 10 | 97    |

**2. Ready For Operational Use Schedule.** All HMLA squadrons are Ready For Operational Use upon receipt of AH-1Z and UH-1Y Helicopters and when all transition training is complete. Current plans indicate all AH-1Z and UH-1Y Helicopters will be accepted by HMT-303 prior to transferring helicopters to the transitioning HMLA squadron. A specific aircraft delivery schedule for each HMLA squadron has not been established yet.

**3. Time Required to Install at Operational Sites.** NA

**4. Foreign Military Sales and Other Source Delivery Schedule.** The DoD intends to pursue an aggressive FMS program; however, no FMS schedule has been developed. For information concerning FMS contact PMA276.

### **5. Training Device and Technical Training Equipment Delivery Schedule**

**(1) Weapons System Trainer.** AH-1 WST 2F136 is a TD that enables Aviators to train in a realistic environment throughout the spectrum of AH-1 missions. There are two AH-1 WST 2F136s; one is located at Camp Pendleton, the second at New River. UH-1N WST 2F161 has a fully instrumented cockpit that simulates Twin Huey operation on the ground, during takeoff, flight, and landing. UH-1 WST 2F161 is located at Camp Pendleton. There will be no new WSTs. WST 2F136 and WST 2F161 will be upgraded to AH-1Z and UH-1Y configurations. These modifications are scheduled to begin in FY08, and will be accomplished in 30 months.

**(2) Aircrew Procedures Trainer.** AH-1 APT 2F170 is a rugged, air-land-sea deployable flight, weapons, and procedure trainer for AH-1 Aircrew. There are four AH-1 APT 2F170s; they are located at Camp Pendleton, New River, Atlanta, and New Orleans. The UH-1 APT 2F175 is a deployable training system capable of simulating all ground, take-off, flight, operational, and landing characteristics of the UH-1 Helicopter. One UH-1 APT 2F175 is located at New River. Current plans indicate the first flight simulators are to be developed starting in FY02 and delivered in FY04, 12 weeks prior to the first aircraft delivery. The UH-1Y APT will be the first TD developed and delivered; an AH-1Z APT will be the second TD delivered. Each of the first four TDs will be delivered to MCAS Camp Pendleton to support transition training. APT 2F170 and APT 2F175 require 24-months to upgrade to AH-1Z and UH-1Y configuration, and will begin in FY02. The H-1 Upgrades Simulator Procurement Plan currently indicates funding for three AH-1Z and five UH-1Y APTs. The initial and ultimate locations of these TDs are pending analysis, but will include Camp Pendleton, New River, Atlanta, and Futenma, Japan.

**(3) Composite Maintenance Trainers.** The CMT is a full AH-1W and UH-1N Helicopter with complete airframe and avionics systems. There are currently two AH-1W and UH-1N CMTs located at HMT-303 NAMTRA MARUNIT. The first maintenance trainers will be developed during Low Rate Initial Production starting in FY03 and delivered in FY04. The first maintenance trainer, AH-1Z/UH-1Y Modified Composite Maintenance Trainer (MCMT), will be a suite of H-1 systems developed from existing UH-1N AVT and one of the AH-1W CMTs. This single suite will be considered a full UH-1Y CMT and a half AH-1Z CMT. These devices will include their own power supply, safety stops, and an Instructor Operator Station (IOS) with computerized fault insertion. AH-1Z and UH-1Y EMD Helicopters will also be used to support fleet training. Two EMD AH-1Z and UH-1Y Helicopters will be transferred to HMT-303 NAMTRA MARUNIT starting in FY05. This development and delivery will provide two and a half AH-1Z, and three UH-1Y CMTs for use at HMT-303 NAMTRA MARUNIT for life cycle AH-1Z and UH-1Y training requirements.

**(4) UH-1 Avionics Systems Trainer.** The AVT is a stricken helicopter modified for training. The AVT Device 142401 is located at HMT-303 NAMTRA MARUNIT and used to conduct avionics maintenance training. The Communication/Navigation (COMM/NAV) Block Upgrade, Phase A, NVG-HUD and NTIS, and COMM/NAV Phase B modification was completed in FY98. At the current time there are no plans to modify the AVT to UH-1Y configuration. The AVT will continue to support UH-1N (two-bladed rotor system) as long as required and will be disposed of when UH-1N requirements are complete.

**(5) Electrical/Armament Trainer.** The EAT Device 142301 is a UH-1N Helicopter skeleton with electrical system and IDAS installed. The EAT is located at HMT-303 NAMTRA MARUNIT, MCAS Camp Pendleton. At the current time there are no plans to modify the EAT to UH-1Y configuration. The EAT will continue to support UH-1N (two-bladed rotor system) as long as required and will be disposed of when UH-1N requirements are complete.

**(6) Engine Remove/Replace Trainer.** The ERRT Device 222101 is a skeleton AH-1W Helicopter that facilitates the removal and replacement of AH-1W engine, powertrain, combining gearboxes, transmission, main rotor mast, tail rotor driveshaft, and tail rotor systems maintenance. At the current time there are no plans to modify the ERRT to AH-1Z configuration. The ERT will continue to support AH-1W (two-bladed rotor system) as long as required and will be disposed of when AH-1W requirements are complete.

**(6) Electronic Part Task Trainers.** The HMLA Part Task Trainers (PTT) support both AH-1 and UH-1 training in the fleet. The PTT is PC-based computer, hosting software and hardware packages that allow system specific training. There are 35 HMLA PTTs throughout the fleet. The hardware and first three modules (MFD, LFD, and IHDSS) will be acquired starting in FY03, to be RFT in FY05. The next two modules (TSS and TAMMAC) will be developed and delivered in FY06. The final modules (Engagement Skills and Miscellaneous Systems) will be developed and delivered in FY07.

**L. GOVERNMENT-FURNISHED EQUIPMENT AND CONTRACTOR-FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA**

**M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS**

| <b>DOCUMENT OR NTSP TITLE</b>                                       | <b>DOCUMENT OR NTSP NUMBER</b>                 | <b>PDA CODE</b> | <b>STATUS</b>      |
|---|--|-----------------|--------------------|
| AN/ARC-210(V) Integrated Logistics Support Plan                     | AV-ILSP-322                                    | PMA209          | Approved<br>May 95 |
| Test and Evaluation Master Plan (TEMP) for the H-1 Upgrades Program | TEMP Number 1435<br>(Rev A currently in draft) | PMA276          | Approved<br>Sep 96 |
| Operational Requirements Document AAS-35 for the AH-1W Upgrade      | OPNAV 5000 AAS-35                              | CG MCCDC        | CH-2<br>Aug 00     |
| Operational Requirements Document AAS-51 for the UH-1N Upgrade      | OPNAV 5000 AAS-51                              | CG MCCDC        | CH-2<br>Aug 00     |
| USMC H-1 Upgrades Program Cobra/Huey Acquisition Document (CHAD)    | OPNAV 5002.2 3.3                               | CG MCCDC        | Sep 96             |
| AH-1W APR-39A(V)2 Training Plan                                     | Ser PMA2052C/0800020                           | PMA205-2C       | Aug 00             |
| H-1 Upgrades Program NTSP   | N88-NTSP-A-50-9602/A                           | PMA205          | Dec 97             |
| AH-1W Navy Training Plan (NTP)                                      | A-50-8520D                                     | PMA205          | Mar 96             |
| HH/UH-1N NTP  | A-50-9404/D                                    | PMA205          | Oct 94             |
| Embedded Global Positioning System Inertial Navigation System NTSP  | TBD  | PMA209          | Apr 96             |
| AN/ALE-47 Countermeasures Dispenser System NTP                      | A-50-9001A                                     | PMA272          | Apr 94             |
| Tactical Aircraft Moving Map Capability (TAMMAC) NTSP               | Ser 0604215NW057Z                              | PMA209          | Initial<br>Jan 97  |

| <b>DOCUMENT<br/>OR NTSP TITLE</b>  | <b>DOCUMENT<br/>OR NTSP NUMBER</b> | <b>PDA<br/>CODE</b> | <b>STATUS</b>      |
|--|------------------------------------|---------------------|--------------------|
| Integrated Mechanical Diagnostics<br>Health and Usage Monitoring System<br>(IMD/HUMS) NTSP | N78-NTSP-A-50-0105/I               | PMA299              | Initial<br>Feb 01  |
| Hellfire Modular Missile System<br>(HMMS) NTSP   | N88-NTSP-A-50-<br>8311B/A          | PMA242              | Approved<br>Mar 01 |

## **PART II - BILLET AND PERSONNEL REQUIREMENTS**

The following elements are not affected by the H-1 Upgrades Program (AH-1Z and UH-1Y), and, therefore, are not included in Part II of this NTSP:

### II.A. Billet Requirements

#### II.A.2.a. Operational and Fleet Support Activity Deactivation Schedule

**PART II - BILLET AND PERSONNEL REQUIREMENTS**

**II.A. BILLET REQUIREMENTS**

**II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE**

**SOURCES:** Total Force Manpower Management System, Table of Manpower Requirements, PMA202      **DATE:** 8/1/01

| <b>ACTIVITY, UIC</b>                               | <b>PFYs</b> | <b>CFY01</b> | <b>FY02</b> | <b>FY03</b> | <b>FY04</b> | <b>FY05</b> |
|--|-------------|--------------|-------------|-------------|-------------|-------------|
| <b>OPERATIONAL ACTIVITIES - USMC</b>               |             |              |             |             |             |             |
| HMH-772 NAS Willow Grove                           | 67828       | 1            | 0           | 0           | 0           | 0           |
| HMLA-167 MCAS New River                            | 09868       | 1            | 0           | 0           | 0           | 0           |
| HMLA-269 MCAS New River                            | 08998       | 1            | 0           | 0           | 0           | 0           |
| HMLA-773 Det A NAS Willow Grove                    | 09415       | 1            | 0           | 0           | 0           | 0           |
| HMLA-773 MCAS Marietta                             | 09431       | 1            | 0           | 0           | 0           | 0           |
| HMLA-775 Det A MCAS Bell Chase                     | 09415       | 1            | 0           | 0           | 0           | 0           |
| HMX-1 MCAS Quantico                                | 55173       | 1            | 0           | 0           | 0           | 0           |
| HMLA-169 MCAS Camp Pendleton                       | 09202       | 1            | 0           | 0           | 0           | 0           |
| HMLA-267 MCAS Camp Pendleton                       | 09159       | 1            | 0           | 0           | 0           | 0           |
| HMLA-367 MCAS Camp Pendleton                       | 09079       | 1            | 0           | 0           | 0           | 0           |
| HMLA-369 MCAS Camp Pendleton                       | 09361       | 1            | 0           | 0           | 0           | 0           |
| HMLA-775 MCAS Camp Pendleton                       | 55257       | 1            | 0           | 0           | 0           | 0           |
| HMT-303 MCAS Camp Pendleton                        | 55176       | 1            | 0           | 0           | 0           | 0           |
| <b>TOTAL:</b>                                      |             | 13           | 0           | 0           | 0           | 0           |
| <b>FLEET SUPPORT ACTIVITIES - NAVY</b>             |             |              |             |             |             |             |
| Flag and Staff Allow, US LANT FLT and NAVEUR 00000 |             | 1            | 0           | 0           | 0           | 0           |
| NAMTRAGRU HQ Pensacola                             | 62229       | 1            | 0           | 0           | 0           | 0           |
| Spec Assign Navy Dept, Arlington                   | 31201       | 1            | 0           | 0           | 0           | 0           |
| Flag and Staff Allow, US PAC FLT and NAVCENT 00000 |             | 1            | 0           | 0           | 0           | 0           |
| <b>TOTAL:</b>                                      |             | 4            | 0           | 0           | 0           | 0           |
| <b>FLEET SUPPORT ACTIVITIES - USMC</b>             |             |              |             |             |             |             |
| Aviation Dept HQMC, Arlington                      | 00027       | 1            | 0           | 0           | 0           | 0           |
| Defense Logistics Agency Alexandria                | 45947       | 1            | 0           | 0           | 0           | 0           |
| MAD NAS Patuxent River                             | 67356       | 1            | 0           | 0           | 0           | 0           |
| MAG-26 MCAS New River                              | 09506       | 1            | 0           | 0           | 0           | 0           |
| MAG-29 MCAS New River                              | 52844       | 1            | 0           | 0           | 0           | 0           |
| MAG-42 MCAS Marietta                               | 67236       | 1            | 0           | 0           | 0           | 0           |
| MAG-49 NAS Willow Grove                            | 67256       | 1            | 0           | 0           | 0           | 0           |
| MALS-26 (HMLA-167 Augment)                         | 09107       | 1            | 0           | 0           | 0           | 0           |
| MALS-26 MCAS New River                             | 09167       | 1            | 0           | 0           | 0           | 0           |
| MALS-29 (HMLA-269 Augment)                         | 52841       | 1            | 0           | 0           | 0           | 0           |
| MALS-29 MCAS New River                             | 52841       | 1            | 0           | 0           | 0           | 0           |
| MALS-39 (HMLA-775 Augment)                         | 09808       | 1            | 0           | 0           | 0           | 0           |
| MALS-42 MCAS Marietta                              | 09513       | 1            | 0           | 0           | 0           | 0           |
| MALS-49 (HMLA-773 Det A Augment)                   | 55555       | 1            | 0           | 0           | 0           | 0           |
| MALS-49 Fort Stewart                               | 55555       | 1            | 0           | 0           | 0           | 0           |
| MARCOR Asgn Allied/UN Commands                     | 00000       | 1            | 0           | 0           | 0           | 0           |
| MARCOR Asgn USA/USAF                               | 00000       | 1            | 0           | 0           | 0           | 0           |
| MASD Andrews AFB                                   | 65705       | 1            | 0           | 0           | 0           | 0           |
| MC Personnel Dept of Navy                          | 00000       | 1            | 0           | 0           | 0           | 0           |

**II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE**

**SOURCES:** Total Force Manpower Management System, Table of Manpower Requirements, PMA202      **DATE:** 8/1/01

| <b>ACTIVITY, UIC</b>                      |       | <b>PFYs</b> | <b>CFY01</b> | <b>FY02</b> | <b>FY03</b> | <b>FY04</b> | <b>FY05</b> |
|---|-------|-------------|--------------|-------------|-------------|-------------|-------------|
| MC Systems Command Quantico               | 00262 | 1           | 0            | 0           | 0           | 0           | 0           |
| MCCDC Quantico                            | 00264 | 1           | 0            | 0           | 0           | 0           | 0           |
| Site Support Belle Chase                  | 82191 | 1           | 0            | 0           | 0           | 0           | 0           |
| US Joint Forces Command and Sub (USJFCOM) | 00000 | 1           | 0            | 0           | 0           | 0           | 0           |
| H&HS MCAS Camp Pendleton                  | 67604 | 1           | 0            | 0           | 0           | 0           | 0           |
| H&HS MCAS Yuma                            | 62974 | 1           | 0            | 0           | 0           | 0           | 0           |
| H&HS MCAS Yuma                            | 62974 | 1           | 0            | 0           | 0           | 0           | 0           |
| MAD China Lake                            | 67852 | 1           | 0            | 0           | 0           | 0           | 0           |
| MAG-16 MCAS Miramar                       | 09243 | 1           | 0            | 0           | 0           | 0           | 0           |
| MAG-36 MCAS Futenma                       | 09260 | 1           | 0            | 0           | 0           | 0           | 0           |
| MAG-39 MCAS Camp Pendleton                | 09304 | 1           | 0            | 0           | 0           | 0           | 0           |
| MALS-16 MCAS Miramar                      | 55583 | 1           | 0            | 0           | 0           | 0           | 0           |
| MALS-36 MCAS Futenma                      | 09136 | 1           | 0            | 0           | 0           | 0           | 0           |
| MALS-39 (HMLA-169 Augment)                | 09808 | 1           | 0            | 0           | 0           | 0           | 0           |
| MALS-39 (HMLA-267 Augment)                | 09808 | 1           | 0            | 0           | 0           | 0           | 0           |
| MALS-39 (HMLA-367 Augment)                | 09808 | 1           | 0            | 0           | 0           | 0           | 0           |
| MALS-39 (HMLA-369 Augment)                | 09808 | 1           | 0            | 0           | 0           | 0           | 0           |
| MALS-39 (HMT-303 Augment)                 | 09808 | 1           | 0            | 0           | 0           | 0           | 0           |
| MALS-39 MCAS Camp Pendleton               | 09808 | 1           | 0            | 0           | 0           | 0           | 0           |
| MAWTS-1 Yuma                              | 57079 | 1           | 0            | 0           | 0           | 0           | 0           |
| MCAGCC, Twentynine Palms                  | 67399 | 1           | 0            | 0           | 0           | 0           | 0           |
| MCRD San Diego                            | 00243 | 1           | 0            | 0           | 0           | 0           | 0           |
| Site Support Camp Pendleton               | 00000 | 1           | 0            | 0           | 0           | 0           | 0           |
| <b>TOTAL:</b>                             |       | 42          | 0            | 0           | 0           | 0           | 0           |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT       | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|---------|-----|------------------|---------------|---------------|
|  | OFF     | ENL |                  |               |               |
| OPERATIONAL ACTIVITIES - USMC          |         |     |                  |               |               |
| <b>HMH-772 NAS Willow Grove, 67828</b> |         |     |                  |               |               |
| SMCR                                   | 0       | 1   | CPL              | 6174          |               |
| <b>ACTIVITY TOTAL:</b>                 | 0       | 1   |                  |               |               |
| <b>HMLA-167 MCAS New River, 09868</b>  |         |     |                  |               |               |
| USMC                                   | 9       | 0   | CAPT             | 7563          |               |
|  | 1       | 0   | CAPT             | 7563          | 7577          |
|  | 21      | 0   | CAPT             | 7565          |               |
|  | 1       | 0   | CWO2             | 0170          |               |
|  | 1       | 0   | CWO2             | 6302          |               |
|  | 1       | 0   | CWO2             | 6502          |               |
|  | 1       | 0   | CWO3             | 6004          |               |
| ACDU                                   | 1       | 0   | LT               | 2102          |               |
| USMC                                   | 1       | 0   | LT               | 6602          |               |
|  | 9       | 0   | LT               | 7563          |               |
|  | 15      | 0   | LT               | 7565          |               |
|  | 1       | 0   | LTCOL            | 7563          |               |
|  | 1       | 0   | LTCOL            | 7565          |               |
|  | 3       | 0   | MAJ              | 7563          |               |
|  | 6       | 0   | MAJ              | 7565          |               |
|  | 0       | 3   | CPL              | 0121          |               |
|  | 0       | 1   | CPL              | 0151          |               |
|  | 0       | 1   | CPL              | 6042          |               |
|  | 0       | 6   | CPL              | 6046          |               |
|  | 0       | 3   | CPL              | 6048          |               |
|  | 0       | 3   | CPL              | 6073          |               |
|  | 0       | 15  | CPL              | 6114          |               |
|  | 0       | 15  | CPL              | 6154          |               |
|  | 0       | 7   | CPL              | 6174          |               |
|  | 0       | 19  | CPL              | 6324          |               |
|  | 0       | 9   | CPL              | 6531          |               |
|  | 0       | 6   | GYSGT            | 6114          |               |
|  | 0       | 6   | GYSGT            | 6154          |               |
|  | 0       | 3   | GYSGT            | 6324          |               |
|  | 0       | 4   | GYSGT            | 6531          |               |
| ACDU                                   | 0       | 1   | HM1              | 8404          |               |
|  | 0       | 3   | HM2              | 8406          |               |
| USMC                                   | 0       | 3   | LCPL             | 0121          |               |
|  | 0       | 1   | LCPL             | 0151          |               |
|  | 0       | 1   | LCPL             | 2111          |               |
|  | 0       | 3   | LCPL             | 0231          |               |
|  | 0       | 4   | LCPL             | 0431          |               |
|  | 0       | 1   | LCPL             | 6042          |               |
|  | 0       | 3   | LCPL             | 6046          |               |
|  | 0       | 3   | LCPL             | 6072          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                      | BILLETS   |            | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|---|-----------|------------|------------------|---------------|---------------|
|   | OFF       | ENL        |                  |               |               |
| USMC  | 0         | 31         | LCPL             | 6114          |               |
|   | 0         | 26         | LCPL             | 6154          |               |
|   | 0         | 6          | LCPL             | 6174          |               |
|   | 0         | 18         | LCPL             | 6324          |               |
|   | 0         | 12         | LCPL             | 6531          |               |
|   | 0         | 3          | LCPL             | 7041          |               |
|   | 0         | 1          | MGYSGT           | 6019          |               |
|   | 0         | 1          | MSGT             | 0193          |               |
|   | 0         | 1          | MSGT             | 6391          |               |
|   | 0         | 1          | SGT              | 0151          |               |
|   | 0         | 1          | SGT              | 0431          |               |
|   | 0         | 3          | SGT              | 6072          |               |
|   | 0         | 12         | SGT              | 6114          |               |
|   | 0         | 12         | SGT              | 6154          |               |
|   | 0         | 3          | SGT              | 6174          |               |
|   | 0         | 1          | SGT              | 6177          | 6174          |
|   | 0         | 12         | SGT              | 6324          |               |
|   | 0         | 6          | SGT              | 6531          |               |
|   | 0         | 1          | SGTMAJ           | 9999          |               |
|   | 0         | 1          | SSGT             | 0193          |               |
|   | 0         | 1          | SSGT             | 0231          |               |
|   | 0         | 4          | SSGT             | 6046          |               |
|   | 0         | 3          | SSGT             | 6048          |               |
|   | 0         | 9          | SSGT             | 6114          |               |
|   | 0         | 3          | SSGT             | 6154          |               |
|   | 0         | 3          | SSGT             | 6174          |               |
|   | 0         | 6          | SSGT             | 6324          |               |
|   | 0         | 3          | SSGT             | 6531          |               |
|   | 0         | 1          | SSGT             | 7041          |               |
|   | 0         | 1          | SSGT             | 8421          |               |
| 0   | 1         | SSGT       | 8711             |               |               |
| <b>HMLA-167 MCAS New River, 09868, FY03 Increment</b> |           |            |                  |               |               |
| USMC  | 0         | 1          | MSGT             | 6019          |               |
| <b>HMLA-167 MCAS New River, 09868, FY04 Increment</b> |           |            |                  |               |               |
| USMC  | 1         | 0          | CAPT             | 7565          |               |
|   | 0         | 2          | CPL              | 6154          |               |
|   | 0         | 1          | CPL              | 6324          |               |
| <b>HMLA-167 MCAS New River, 09868, FY05 Increment</b> |           |            |                  |               |               |
| USMC  | 0         | 1          | CPL              | 6154          |               |
|   | 0         | 1          | CPL              | 6324          |               |
|   | 0         | 1          | LCPL             | 6154          |               |
| <b>ACTIVITY TOTAL:</b>                                | <b>73</b> | <b>318</b> |                  |               |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT      | BILLETS |        | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |      |
|---------------------------------------|---------|--------|------------------|---------------|---------------|------|
|                                       | OFF     | ENL    |                  |               |               |      |
| <b>HMLA-269 MCAS New River, 08998</b> |         |        |                  |               |               |      |
| USMC                                  | 9       | 0      | CAPT             | 7563          | 7577          |      |
|                                       | 1       | 0      | CAPT             | 7563          |               |      |
|                                       | 21      | 0      | CAPT             | 7565          |               |      |
|                                       | 1       | 0      | CWO2             | 0170          |               |      |
|                                       | 1       | 0      | CWO2             | 6302          |               |      |
|                                       | 1       | 0      | CWO2             | 6502          |               |      |
|                                       | 1       | 0      | CWO3             | 6004          |               |      |
|                                       | ACDU    | 1      | 0                | LT            |               | 2102 |
|                                       | USMC    | 1      | 0                | LT            |               | 6602 |
|                                       |         | 9      | 0                | LT            |               | 7563 |
|                                       |         | 15     | 0                | LT            |               | 7565 |
|                                       |         | 1      | 0                | LTCOL         |               | 7563 |
|                                       |         | 1      | 0                | LTCOL         |               | 7565 |
|                                       |         | 3      | 0                | MAJ           |               | 7563 |
| 6                                     |         | 0      | MAJ              | 7565          |               |      |
| 0                                     |         | 3      | CPL              | 0121          |               |      |
| 0                                     |         | 1      | CPL              | 0151          |               |      |
| 0                                     |         | 1      | CPL              | 6042          |               |      |
| 0                                     |         | 6      | CPL              | 6046          |               |      |
| 0                                     |         | 3      | CPL              | 6048          |               |      |
| 0                                     |         | 3      | CPL              | 6073          |               |      |
| 0                                     |         | 15     | CPL              | 6114          |               |      |
| 0                                     | 15      | CPL    | 6154             |               |               |      |
| 0                                     | 7       | CPL    | 6174             |               |               |      |
| 0                                     | 19      | CPL    | 6324             |               |               |      |
| 0                                     | 9       | CPL    | 6531             |               |               |      |
| 0                                     | 6       | GYSGT  | 6114             |               |               |      |
| 0                                     | 6       | GYSGT  | 6154             |               |               |      |
| 0                                     | 3       | GYSGT  | 6324             |               |               |      |
| 0                                     | 4       | GYSGT  | 6531             |               |               |      |
| ACDU                                  | 0       | 1      | HM1              | 8404          |               |      |
| 0                                     | 3       | HM2    | 8406             |               |               |      |
| USMC                                  | 0       | 3      | LCPL             | 0121          |               |      |
|                                       | 0       | 1      | LCPL             | 0151          |               |      |
|                                       | 0       | 1      | LCPL             | 2111          |               |      |
|                                       | 0       | 3      | LCPL             | 0231          |               |      |
|                                       | 0       | 4      | LCPL             | 0431          |               |      |
|                                       | 0       | 1      | LCPL             | 6042          |               |      |
|                                       | 0       | 3      | LCPL             | 6046          |               |      |
|                                       | 0       | 3      | LCPL             | 6072          |               |      |
|                                       | 0       | 31     | LCPL             | 6114          |               |      |
|                                       | 0       | 26     | LCPL             | 6154          |               |      |
|                                       | 0       | 6      | LCPL             | 6174          |               |      |
|                                       | 0       | 18     | LCPL             | 6324          |               |      |
|                                       | 0       | 12     | LCPL             | 6531          |               |      |
|                                       | 0       | 3      | LCPL             | 7041          |               |      |
| 0                                     | 1       | MGYSGT | 6019             |               |               |      |

0 1 MSGT 0193

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT               | BILLETS   |            | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|-----------|------------|------------------|---------------|---------------|
|  | OFF       | ENL        |                  |               |               |
| USMC   | 0         | 1          | MSGT             | 6391          | 6174          |
|  | 0         | 1          | SGT              | 0151          |               |
|  | 0         | 1          | SGT              | 0431          |               |
|  | 0         | 3          | SGT              | 6072          |               |
|  | 0         | 12         | SGT              | 6114          |               |
|  | 0         | 12         | SGT              | 6154          |               |
|  | 0         | 3          | SGT              | 6174          |               |
|  | 0         | 1          | SGT              | 6177          |               |
|  | 0         | 12         | SGT              | 6324          |               |
|  | 0         | 6          | SGT              | 6531          |               |
|  | 0         | 1          | SGTMAJ           | 9999          |               |
|  | 0         | 1          | SSGT             | 0193          |               |
|  | 0         | 1          | SSGT             | 0231          |               |
|  | 0         | 4          | SSGT             | 6046          |               |
|  | 0         | 3          | SSGT             | 6048          |               |
|  | 0         | 9          | SSGT             | 6114          |               |
|  | 0         | 3          | SSGT             | 6154          |               |
|  | 0         | 3          | SSGT             | 6174          |               |
|  | 0         | 6          | SSGT             | 6324          |               |
|  | 0         | 3          | SSGT             | 6531          |               |
| 0  | 1         | SSGT       | 7041             |               |               |
| 0  | 1         | SSGT       | 8421             |               |               |
| 0  | 1         | SSGT       | 8711             |               |               |
| HMLA-269 MCAS New River, 08998, FY03 Increment |           |            |                  |               |               |
| USMC   | 0         | 1          | MSGT             | 6019          |               |
| HMLA-269 MCAS New River, 08998, FY04 Increment |           |            |                  |               |               |
| USMC   | 1         | 0          | CAPT             | 7565          |               |
|  | 0         | 2          | CPL              | 6154          |               |
|  | 0         | 1          | CPL              | 6324          |               |
| HMLA-269 MCAS New River, 08998, FY05 Increment |           |            |                  |               |               |
| USMC   | 0         | 1          | CPL              | 6154          |               |
|  | 0         | 1          | CPL              | 6324          |               |
|  | 0         | 1          | LCPL             | 6154          |               |
| <b>ACTIVITY TOTAL:</b>                         | <b>73</b> | <b>318</b> |                  |               |               |
| HMLA-773 Det A NAS Willow Grove, 09415         |           |            |                  |               |               |
| USMC   | 2         | 0          | CAPT             | 7563          |               |
|  | 1         | 0          | CAPT             | 7565          |               |
|  | 1         | 0          | MAJ              | 7565          |               |
|  | 0         | 2          | CPL              | 6046          |               |
|  | 0         | 1          | CPL              | 6048          |               |
|  | 0         | 3          | CPL              | 6114          |               |
|  | 0         | 3          | CPL              | 6154          |               |
|  | 0         | 1          | CPL              | 6174          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS |      | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|----------------------------------|---------|------|------------------|---------------|---------------|
|                                  | OFF     | ENL  |                  |               |               |
| USMC                             | 0       | 2    | CPL              | 6324          |               |
|                                  | 0       | 2    | CPL              | 6531          |               |
| ACDU<br>USMC                     | 0       | 1    | GYSGT            | 6114          |               |
|                                  | 0       | 1    | GYSGT            | 6324          |               |
|                                  | 0       | 1    | HM2              | 8406          |               |
|                                  | 0       | 1    | LCPL             | 0121          |               |
|                                  | 0       | 1    | LCPL             | 0431          |               |
|                                  | 0       | 1    | LCPL             | 6072          |               |
|                                  | 0       | 6    | LCPL             | 6114          |               |
|                                  | 0       | 3    | LCPL             | 6154          |               |
|                                  | 0       | 1    | LCPL             | 6174          |               |
|                                  | 0       | 4    | LCPL             | 6324          |               |
|                                  | 0       | 2    | LCPL             | 6531          |               |
|                                  | 0       | 1    | LCPL             | 7041          |               |
|                                  | 0       | 1    | SGT              | 6114          |               |
|                                  | 0       | 3    | SGT              | 6154          |               |
|                                  | 0       | 1    | SGT              | 6174          |               |
|                                  | 0       | 2    | SGT              | 6324          |               |
|                                  | 0       | 1    | SGT              | 6531          |               |
|                                  | 0       | 1    | SSGT             | 6048          |               |
|                                  | 0       | 2    | SSGT             | 6114          |               |
|                                  | 0       | 1    | SSGT             | 6154          |               |
| 0                                | 1       | SSGT | 6174             |               |               |
| 0                                | 1       | SSGT | 6324             |               |               |
| AR                               | 1       | 0    | CAPT             | 7563          |               |
|                                  | 1       | 0    | CAPT             | 7565          |               |
|                                  | 1       | 0    | MAJ              | 7565          |               |
|                                  | 0       | 1    | CPL              | 0121          |               |
|                                  | 0       | 1    | GYSGT            | 6114          |               |
|                                  | 0       | 1    | GYSGT            | 6154          |               |
|                                  | 0       | 2    | GYSGT            | 6154          | 9954          |
|                                  | 0       | 1    | GYSGT            | 6531          |               |
|                                  | 0       | 1    | SGT              | 6114          |               |
|                                  | 0       | 1    | SGT              | 6154          |               |
|                                  | 0       | 1    | SGT              | 6324          |               |
|                                  | 0       | 1    | SSGT             | 0193          |               |
|                                  | 0       | 1    | SSGT             | 6046          |               |
| 0                                | 1       | SSGT | 6531             |               |               |
| SMCR                             | 4       | 0    | CAPT             | 7565          |               |
|                                  | 2       | 0    | LT               | 7563          |               |
|                                  | 6       | 0    | LT               | 7565          |               |
|                                  | 1       | 0    | MAJ              | 7563          |               |
|                                  | 0       | 2    | CPL              | 6114          |               |
|                                  | 0       | 2    | CPL              | 6154          |               |
|                                  | 0       | 1    | CPL              | 6174          |               |
|                                  | 0       | 4    | CPL              | 6324          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                              | BILLETS   |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |  |
|---|---|-----|------------------|---------------|---------------|--|
|   | OFF   | ENL |                  |               |               |  |
| SMCR  | 0   | 1   | CPL              | 6531          |               |  |
|   | 0   | 1   | LCPL             | 0121          |               |  |
|   | 0   | 1   | LCPL             | 6046          |               |  |
|   | 0   | 4   | LCPL             | 6114          |               |  |
|   | 0   | 5   | LCPL             | 6154          |               |  |
|   | 0   | 1   | LCPL             | 6174          |               |  |
|   | 0   | 3   | LCPL             | 6324          |               |  |
|   | 0   | 2   | LCPL             | 6531          |               |  |
|   | 0   | 2   | SGT              | 6114          |               |  |
|   | 0   | 1   | SGT              | 6531          |               |  |
|   | 0   | 1   | SSGT             | 6114          |               |  |
|   | 0   | 1   | SSGT             | 6324          |               |  |
|   | <b>HMLA-773 Det A NAS Willow Grove, 09415, FY03 Increment</b> |     |                  |               |               |  |
| USMC  | 1   | 0   | CAPT             | 7563          |               |  |
| <b>HMLA-773 Det A NAS Willow Grove, 09415, FY04 Increment</b> |   |     |                  |               |               |  |
| SMCR  | 0   | 1   | LCPL             | 6324          |               |  |
| <b>ACTIVITY TOTAL:</b>  |   |     |                  |               |               |  |
|   | 21  | 96  |                  |               |               |  |
| <b>HMLA-773 MCAS Marietta, 09431</b>                          |   |     |                  |               |               |  |
| USMC  | 1   | 0   | CAPT             | 7563          |               |  |
|   | 1   | 0   | CAPT             | 7565          |               |  |
|   | 1   | 0   | CWO2             | 6502          |               |  |
|   | 1   | 0   | CWO3             | 6004          |               |  |
|   | 0   | 1   | CPL              | 0151          |               |  |
|   | 0   | 1   | CPL              | 6042          |               |  |
|   | 0   | 2   | CPL              | 6046          |               |  |
|   | 0   | 2   | CPL              | 6048          |               |  |
|   | 0   | 1   | CPL              | 6174          |               |  |
|   | 0   | 2   | CPL              | 6324          |               |  |
|   | 0   | 1   | GYSGT            | 6114          |               |  |
|   | 0   | 1   | GYSGT            | 6154          |               |  |
|   | 0   | 1   | GYSGT            | 6324          |               |  |
|   | 0   | 1   | GYSGT            | 6531          |               |  |
|   | ACDU  | 0   | 1                | HM1           | 8404          |  |
|   |   | 0   | 1                | HM2           | 8406          |  |
|   | USMC  | 0   | 2                | LCPL          | 0121          |  |
|   |   | 0   | 1                | LCPL          | 2111          |  |
|   |   | 0   | 1                | LCPL          | 0431          |  |
| 0   |   | 1   | LCPL             | 6072          |               |  |
| 0   |   | 5   | LCPL             | 6114          |               |  |
| 0   |   | 4   | LCPL             | 6154          |               |  |
| 0   |   | 1   | LCPL             | 6174          |               |  |
| 0   |   | 5   | LCPL             | 6324          |               |  |
| 0   |   | 3   | LCPL             | 6531          |               |  |
| 0   |   | 2   | LCPL             | 7041          |               |  |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS |      | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|----------------------------------|---------|------|------------------|---------------|---------------|
|                                  | OFF     | ENL  |                  |               |               |
| USMC                             | 0       | 1    | MGYSGT           | 6019          | 6174          |
|                                  | 0       | 1    | MSGT             | 6391          |               |
|                                  | 0       | 1    | SGT              | 0151          |               |
|                                  | 0       | 1    | SGT              | 0431          |               |
|                                  | 0       | 1    | SGT              | 6072          |               |
|                                  | 0       | 2    | SGT              | 6114          |               |
|                                  | 0       | 4    | SGT              | 6154          |               |
|                                  | 0       | 2    | SGT              | 6174          |               |
|                                  | 0       | 1    | SGT              | 6177          |               |
|                                  | 0       | 3    | SGT              | 6324          |               |
|                                  | 0       | 2    | SGT              | 6531          |               |
|                                  | 0       | 1    | SSGT             | 6046          |               |
|                                  | 0       | 2    | SSGT             | 6048          |               |
|                                  | 0       | 2    | SSGT             | 6114          |               |
|                                  | 0       | 1    | SSGT             | 6154          |               |
|                                  | 0       | 1    | SSGT             | 6174          |               |
|                                  | 0       | 1    | SSGT             | 6324          |               |
|                                  | AR      | 2    | 0                | CAPT          |               |
| 1                                |         | 0    | CAPT             | 7565          |               |
| 1                                |         | 0    | CWO2             | 0170          |               |
| 2                                |         | 0    | MAJ              | 7565          |               |
| 0                                |         | 2    | CPL              | 0121          |               |
| 0                                |         | 1    | CPL              | 6073          |               |
| 0                                |         | 2    | CPL              | 6114          |               |
| 0                                |         | 2    | CPL              | 6154          |               |
| 0                                |         | 1    | CPL              | 6324          |               |
| 0                                |         | 4    | CPL              | 6531          |               |
| 0                                |         | 1    | GYSGT            | 6114          |               |
| 0                                |         | 1    | GYSGT            | 6154          |               |
| 0                                |         | 1    | GYSGT            | 6531          |               |
| 0                                |         | 2    | LCPL             | 6114          |               |
| 0                                |         | 1    | MSGT             | 0193          |               |
| 0                                |         | 1    | SGT              | 6046          |               |
| 0                                |         | 3    | SGT              | 6114          |               |
| 0                                |         | 1    | SGT              | 6154          |               |
| 0                                |         | 1    | SGT              | 6324          |               |
| 0                                |         | 1    | SGT              | 6531          |               |
| 0                                |         | 1    | SSGT             | 0231          |               |
| 0                                |         | 1    | SSGT             | 6046          |               |
| 0                                | 1       | SSGT | 6114             |               |               |
| 0                                | 1       | SSGT | 7041             |               |               |
| 0                                | 1       | SSGT | 8421             |               |               |
| 0                                | 1       | SSGT | 8711             |               |               |
| SMCR                             | 3       | 0    | CAPT             | 7563          | 7577          |
|                                  | 1       | 0    | CAPT             | 7563          |               |
|                                  | 10      | 0    | CAPT             | 7565          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                     | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|---------|-----|------------------|---------------|---------------|
|  | OFF     | ENL |                  |               |               |
| SMCR   | 1       | 0   | CWO2             | 6302          |               |
| SELRES   | 1       | 0   | LT               | 2100          |               |
| SMCR   | 4       | 0   | LT               | 7563          |               |
|  | 12      | 0   | LT               | 7565          |               |
|  | 1       | 0   | LTCOL            | 7563          |               |
|  | 1       | 0   | LTCOL            | 7565          |               |
|  | 2       | 0   | MAJ              | 7563          |               |
|  | 3       | 0   | MAJ              | 7565          |               |
|  | 0       | 1   | CPL              | 6046          |               |
|  | 0       | 1   | CPL              | 6073          |               |
|  | 0       | 9   | CPL              | 6114          |               |
|  | 0       | 8   | CPL              | 6154          |               |
|  | 0       | 4   | CPL              | 6174          |               |
|  | 0       | 10  | CPL              | 6324          |               |
|  | 0       | 2   | CPL              | 6531          |               |
|  | 0       | 2   | GYSGT            | 6114          |               |
|  | 0       | 2   | GYSGT            | 6154          |               |
|  | 0       | 1   | GYSGT            | 6324          |               |
|  | 0       | 1   | GYSGT            | 6531          |               |
|  | 0       | 1   | LCPL             | 0151          |               |
|  | 0       | 2   | LCPL             | 0231          |               |
|  | 0       | 2   | LCPL             | 0431          |               |
|  | 0       | 1   | LCPL             | 6042          |               |
|  | 0       | 2   | LCPL             | 6046          |               |
|  | 0       | 1   | LCPL             | 6072          |               |
|  | 0       | 13  | LCPL             | 6114          |               |
|  | 0       | 14  | LCPL             | 6154          |               |
|  | 0       | 3   | LCPL             | 6174          |               |
|  | 0       | 6   | LCPL             | 6324          |               |
|  | 0       | 5   | LCPL             | 6531          |               |
|  | 0       | 1   | SGT              | 6072          |               |
|  | 0       | 3   | SGT              | 6114          |               |
|  | 0       | 3   | SGT              | 6154          |               |
|  | 0       | 5   | SGT              | 6324          |               |
|  | 0       | 1   | SGT              | 6531          |               |
|  | 0       | 1   | SGTMAJ           | 9999          |               |
|  | 0       | 1   | SSGT             | 6046          |               |
|  | 0       | 3   | SSGT             | 6114          |               |
|  | 0       | 1   | SSGT             | 6154          |               |
|  | 0       | 1   | SSGT             | 6174          |               |
|  | 0       | 3   | SSGT             | 6324          |               |
|  | 0       | 2   | SSGT             | 6531          |               |
| <b>HMLA-773 MCAS Marietta, 09431, FY03 Increment</b> |         |     |                  |               |               |
| USMC   | 1       | 0   | CAPT             | 7563          |               |
|  | 0       | 1   | MSGT             | 6019          |               |
|  | 0       | 1   | SSGT             | 8421          |               |
|  | 0       | 1   | SSGT             | 8711          |               |



II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                     | BILLETS   |            | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|-----------|------------|------------------|---------------|---------------|
|  | OFF       | ENL        |                  |               |               |
| SMCR   | 0         | 1          | SSGT             | 0231          |               |
| <b>HMLA-773 MCAS Marietta, 09431, FY04 Increment</b> |           |            |                  |               |               |
| SMCR   | 1         | 0          | CAPT             | 7565          |               |
|  | 0         | 2          | LCPL             | 6324          |               |
| <b>ACTIVITY TOTAL:</b>                               | <b>51</b> | <b>220</b> |                  |               |               |
| <b>HMLA-775 Det A MCAS Bell Chase, 09415</b>         |           |            |                  |               |               |
| USMC   | 1         | 0          | CAPT             | 7563          |               |
|  | 1         | 0          | CAPT             | 7565          |               |
|  | 0         | 1          | CPL              | 6046          |               |
|  | 0         | 1          | CPL              | 6048          |               |
|  | 0         | 1          | CPL              | 6174          |               |
|  | 0         | 2          | CPL              | 6324          |               |
|  | 0         | 1          | GYSGT            | 6154          |               |
|  | 0         | 1          | GYSGT            | 6324          |               |
|  | 0         | 1          | GYSGT            | 6531          |               |
| ACDU   | 0         | 1          | HM2              | 8406          |               |
| USMC   | 0         | 1          | LCPL             | 0121          |               |
|  | 0         | 1          | LCPL             | 0431          |               |
|  | 0         | 5          | LCPL             | 6114          |               |
|  | 0         | 3          | LCPL             | 6154          |               |
|  | 0         | 1          | LCPL             | 6174          |               |
|  | 0         | 4          | LCPL             | 6324          |               |
|  | 0         | 2          | LCPL             | 6531          |               |
|  | 0         | 1          | LCPL             | 7041          |               |
|  | 0         | 1          | SGT              | 6114          |               |
|  | 0         | 1          | SGT              | 6174          |               |
|  | 0         | 2          | SGT              | 6324          |               |
|  | 0         | 1          | SGT              | 6531          |               |
|  | 0         | 1          | SSGT             | 6046          |               |
|  | 0         | 1          | SSGT             | 6048          |               |
|  | 0         | 3          | SSGT             | 6114          |               |
|  | 0         | 1          | SSGT             | 6154          |               |
|  | 0         | 1          | SSGT             | 6174          |               |
|  | 0         | 1          | SSGT             | 6324          |               |
| AR   | 2         | 0          | CAPT             | 7563          |               |
|  | 1         | 0          | CAPT             | 7565          |               |
|  | 2         | 0          | MAJ              | 7565          |               |
|  | 0         | 1          | CPL              | 0121          |               |
|  | 0         | 1          | CPL              | 6046          |               |
|  | 0         | 1          | CPL              | 6073          |               |
|  | 0         | 2          | CPL              | 6114          |               |
|  | 0         | 2          | CPL              | 6154          |               |
|  | 0         | 2          | CPL              | 6531          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                             | BILLETS |      | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|---------|------|------------------|---------------|---------------|
|  | OFF     | ENL  |                  |               |               |
| AR   | 0       | 2    | GYSGT            | 6114          | 9954          |
|  | 0       | 1    | GYSGT            | 6154          |               |
|  | 0       | 1    | LCPL             | 6114          |               |
|  | 0       | 1    | SGT              | 6072          |               |
|  | 0       | 2    | SGT              | 6114          |               |
|  | 0       | 4    | SGT              | 6154          |               |
|  | 0       | 1    | SSGT             | 6531          |               |
| SMCR   | 4       | 0    | CAPT             | 7565          |               |
|  | 2       | 0    | LT               | 7563          |               |
|  | 6       | 0    | LT               | 7565          |               |
|  | 1       | 0    | MAJ              | 7563          |               |
|  | 0       | 3    | CPL              | 6114          |               |
|  | 0       | 3    | CPL              | 6154          |               |
|  | 0       | 1    | CPL              | 6174          |               |
|  | 0       | 4    | CPL              | 6324          |               |
|  | 0       | 1    | CPL              | 6531          |               |
|  | 0       | 1    | LCPL             | 0231          |               |
|  | 0       | 1    | LCPL             | 6046          |               |
|  | 0       | 4    | LCPL             | 6114          |               |
|  | 0       | 5    | LCPL             | 6154          |               |
|  | 0       | 1    | LCPL             | 6174          |               |
|  | 0       | 3    | LCPL             | 6324          |               |
|  | 0       | 2    | LCPL             | 6531          |               |
|  | 0       | 1    | SGT              | 6114          |               |
|  | 0       | 1    | SGT              | 6324          |               |
|  | 0       | 1    | SGT              | 6531          |               |
|  | 0       | 1    | SSGT             | 0193          |               |
| 0  | 1       | SSGT | 6324             |               |               |
| <b>HMLA-775 Det A MCAS Bell Chase, 09415, FY03 Increment</b> |         |      |                  |               |               |
| USMC   | 1       | 0    | CAPT             | 7563          |               |
| SMCR   | 1       | 0    | CAPT             | 7563          |               |
|  | 0       | 1    | CPL              | 6154          |               |
| <b>HMLA-775 Det A MCAS Bell Chase, 09415, FY04 Increment</b> |         |      |                  |               |               |
| SMCR   | 0       | 1    | LCPL             | 6324          |               |
| <b>ACTIVITY TOTAL:</b>                                       |         |      |                  |               |               |
|  | 22      | 97   |                  |               |               |
| <b>HMX-1 MCAS Quantico, 55173</b>                            |         |      |                  |               |               |
| USMC   | 7       | 0    | CAPT             | 7563          |               |
|  | 1       | 0    | CAPT             | 7565          |               |
|  | 3       | 0    | MAJ              | 7563          |               |
|  | 2       | 0    | MAJ              | 7565          |               |
|  | 1       | 0    | MAJ              | 9958          | 7563          |
|  | 0       | 11   | CPL              | 6154          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT           | BILLETS                |           | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |      |
|--|------------------------|-----------|------------------|---------------|---------------|------|
|  | OFF                    | ENL       |                  |               |               |      |
| USMC                                       | 0                      | 2         | CPL              | 6324          |               |      |
|  | 0                      | 1         | GYSGT            | 6124          |               |      |
|  | 0                      | 1         | GYSGT            | 6174          |               |      |
|  | 0                      | 2         | GYSGT            | 6324          |               |      |
|  | 0                      | 2         | LCPL             | 6124          |               |      |
|  | 0                      | 8         | LCPL             | 6154          |               |      |
|  | 0                      | 4         | LCPL             | 6324          |               |      |
|  | 0                      | 1         | SGT              | 6154          |               |      |
|  | 0                      | 2         | SGT              | 6324          |               |      |
|  | 0                      | 1         | SSGT             | 6114          |               |      |
|  | 0                      | 2         | SSGT             | 6154          |               |      |
|  | <b>ACTIVITY TOTAL:</b> | <b>14</b> | <b>37</b>        |               |               |      |
| <b>HMLA-169 MCAS Camp Pendleton, 09202</b> |                        |           |                  |               |               |      |
| USMC                                       | 9                      | 0         | CAPT             | 7563          | 7577          |      |
|  | 1                      | 0         | CAPT             | 7563          |               |      |
|  | 21                     | 0         | CAPT             | 7565          |               |      |
|  | 1                      | 0         | CWO2             | 0170          |               |      |
|  | 1                      | 0         | CWO2             | 6302          |               |      |
|  | 1                      | 0         | CWO2             | 6502          |               |      |
|  | 1                      | 0         | CWO3             | 6004          |               |      |
|  | ACDU                   | 1         | 0                | LT            |               | 2102 |
|  | USMC                   | 1         | 0                | LT            |               | 6602 |
|  |                        | 9         | 0                | LT            |               | 7563 |
| 15   |                        | 0         | LT               | 7565          |               |      |
| 1  |                        | 0         | LTCOL            | 7563          |               |      |
| 1  |                        | 0         | LTCOL            | 7565          |               |      |
| 3  |                        | 0         | MAJ              | 7563          |               |      |
| 6  |                        | 0         | MAJ              | 7565          |               |      |
| 0  |                        | 3         | CPL              | 0121          |               |      |
| 0  |                        | 1         | CPL              | 0151          |               |      |
| 0  |                        | 1         | CPL              | 6042          |               |      |
| 0  |                        | 6         | CPL              | 6046          |               |      |
| 0  |                        | 3         | CPL              | 6048          |               |      |
| 0  |                        | 3         | CPL              | 6073          |               |      |
| 0  |                        | 15        | CPL              | 6114          |               |      |
| 0  |                        | 15        | CPL              | 6154          |               |      |
| 0  |                        | 7         | CPL              | 6174          |               |      |
| 0  |                        | 19        | CPL              | 6324          |               |      |
| 0  |                        | 9         | CPL              | 6531          |               |      |
| 0  |                        | 6         | GYSGT            | 6114          |               |      |
| 0  |                        | 6         | GYSGT            | 6154          |               |      |
| 0  | 3                      | GYSGT     | 6324             |               |               |      |
| 0  | 4                      | GYSGT     | 6531             |               |               |      |
| ACDU                                       | 0                      | 1         | HM1              | 8404          |               |      |
|  | 0                      | 3         | HM2              | 8406          |               |      |
| USMC                                       | 0                      | 3         | LCPL             | 0121          |               |      |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                    | BILLETS   |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |  |
|---|---|-----|------------------|---------------|---------------|--|
|   | OFF   | ENL |                  |               |               |  |
| USMC  | 0   | 1   | LCPL             | 0151          |               |  |
|   | 0   | 1   | LCPL             | 2111          |               |  |
|   | 0   | 3   | LCPL             | 0231          |               |  |
|   | 0   | 4   | LCPL             | 0431          |               |  |
|   | 0   | 1   | LCPL             | 6042          |               |  |
|   | 0   | 3   | LCPL             | 6046          |               |  |
|   | 0   | 3   | LCPL             | 6072          |               |  |
|   | 0   | 31  | LCPL             | 6114          |               |  |
|   | 0   | 26  | LCPL             | 6154          |               |  |
|   | 0   | 6   | LCPL             | 6174          |               |  |
|   | 0   | 18  | LCPL             | 6324          |               |  |
|   | 0   | 12  | LCPL             | 6531          |               |  |
|   | 0   | 3   | LCPL             | 7041          |               |  |
|   | 0   | 1   | MGYSGT           | 6019          |               |  |
|   | 0   | 1   | MSGT             | 0193          |               |  |
|   | 0   | 1   | MSGT             | 6391          |               |  |
|   | 0   | 1   | SGT              | 0151          |               |  |
|   | 0   | 1   | SGT              | 0431          |               |  |
|   | 0   | 3   | SGT              | 6072          |               |  |
|   | 0   | 12  | SGT              | 6114          |               |  |
|   | 0   | 12  | SGT              | 6154          |               |  |
|   | 0   | 3   | SGT              | 6174          |               |  |
|   | 0   | 1   | SGT              | 6177          | 6174          |  |
|   | 0   | 12  | SGT              | 6324          |               |  |
|   | 0   | 6   | SGT              | 6531          |               |  |
|   | 0   | 1   | SGTMAJ           | 9999          |               |  |
|   | 0   | 1   | SSGT             | 0193          |               |  |
|   | 0   | 1   | SSGT             | 0231          |               |  |
|   | 0   | 4   | SSGT             | 6046          |               |  |
|   | 0   | 3   | SSGT             | 6048          |               |  |
|   | 0   | 9   | SSGT             | 6114          |               |  |
|   | 0   | 3   | SSGT             | 6154          |               |  |
|   | 0   | 3   | SSGT             | 6174          |               |  |
|   | 0   | 6   | SSGT             | 6324          |               |  |
|   | 0   | 3   | SSGT             | 6531          |               |  |
|   | 0   | 1   | SSGT             | 7041          |               |  |
|   | 0   | 1   | SSGT             | 8421          |               |  |
|   | 0   | 1   | SSGT             | 8711          |               |  |
|   | HMLA-169 MCAS Camp Pendleton, 09202, FY03 Increment |     |                  |               |               |  |
|   | USMC  | 0   | 1                | MSGT          | 6019          |  |
| HMLA-169 MCAS Camp Pendleton, 09202, FY04 Increment |   |     |                  |               |               |  |
| USMC  | 1   | 0   | CAPT             | 7565          |               |  |
|   | 0   | 2   | CPL              | 6154          |               |  |
|   | 0   | 1   | CPL              | 6324          |               |  |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                           | BILLETS   |            | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|-----------|------------|------------------|---------------|---------------|
|  | OFF       | ENL        |                  |               |               |
| <b>HMLA-169 MCAS Camp Pendleton, 09202, FY05 Increment</b> |           |            |                  |               |               |
| USMC   | 0         | 1          | CPL              | 6154          |               |
|  | 0         | 1          | CPL              | 6324          |               |
|  | 0         | 1          | LCPL             | 6154          |               |
| <b>ACTIVITY TOTAL:</b>                                     | <b>73</b> | <b>318</b> |                  |               |               |
| <b>HMLA-267 MCAS Camp Pendleton, 09159</b>                 |           |            |                  |               |               |
| USMC   | 9         | 0          | CAPT             | 7563          |               |
|  | 1         | 0          | CAPT             | 7563          | 7577          |
|  | 21        | 0          | CAPT             | 7565          |               |
|  | 1         | 0          | CWO2             | 0170          |               |
|  | 1         | 0          | CWO2             | 6302          |               |
|  | 1         | 0          | CWO2             | 6502          |               |
|  | 1         | 0          | CWO3             | 6004          |               |
| ACDU   | 1         | 0          | LT               | 2102          |               |
| USMC   | 1         | 0          | LT               | 6602          |               |
|  | 9         | 0          | LT               | 7563          |               |
|  | 15        | 0          | LT               | 7565          |               |
|  | 1         | 0          | LTCOL            | 7563          |               |
|  | 1         | 0          | LTCOL            | 7565          |               |
|  | 3         | 0          | MAJ              | 7563          |               |
|  | 6         | 0          | MAJ              | 7565          |               |
|  | 0         | 3          | CPL              | 0121          |               |
|  | 0         | 1          | CPL              | 0151          |               |
|  | 0         | 1          | CPL              | 6042          |               |
|  | 0         | 6          | CPL              | 6046          |               |
|  | 0         | 3          | CPL              | 6048          |               |
|  | 0         | 3          | CPL              | 6073          |               |
|  | 0         | 15         | CPL              | 6114          |               |
|  | 0         | 15         | CPL              | 6154          |               |
|  | 0         | 7          | CPL              | 6174          |               |
|  | 0         | 19         | CPL              | 6324          |               |
|  | 0         | 9          | CPL              | 6531          |               |
|  | 0         | 6          | GYSGT            | 6114          |               |
|  | 0         | 6          | GYSGT            | 6154          |               |
|  | 0         | 3          | GYSGT            | 6324          |               |
|  | 0         | 4          | GYSGT            | 6531          |               |
| ACDU   | 0         | 1          | HM1              | 8404          |               |
|  | 0         | 3          | HM2              | 8406          |               |
| USMC   | 0         | 3          | LCPL             | 0121          |               |
|  | 0         | 1          | LCPL             | 0151          |               |
|  | 0         | 1          | LCPL             | 2111          |               |
|  | 0         | 3          | LCPL             | 0231          |               |
|  | 0         | 4          | LCPL             | 0431          |               |
|  | 0         | 1          | LCPL             | 6042          |               |
|  | 0         | 3          | LCPL             | 6046          |               |
|  | 0         | 3          | LCPL             | 6072          |               |

0 31 LCPL 6114

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                           | BILLETS   |            | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|-----------|------------|------------------|---------------|---------------|
|  | OFF       | ENL        |                  |               |               |
| USMC   | 0         | 26         | LCPL             | 6154          |               |
|  | 0         | 6          | LCPL             | 6174          |               |
|  | 0         | 18         | LCPL             | 6324          |               |
|  | 0         | 12         | LCPL             | 6531          |               |
|  | 0         | 3          | LCPL             | 7041          |               |
|  | 0         | 1          | MGYSGT           | 6019          |               |
|  | 0         | 1          | MSGT             | 0193          |               |
|  | 0         | 1          | MSGT             | 6391          |               |
|  | 0         | 1          | SGT              | 0151          |               |
|  | 0         | 1          | SGT              | 0431          |               |
|  | 0         | 3          | SGT              | 6072          |               |
|  | 0         | 12         | SGT              | 6114          |               |
|  | 0         | 12         | SGT              | 6154          |               |
|  | 0         | 3          | SGT              | 6174          |               |
|  | 0         | 1          | SGT              | 6177          | 6174          |
|  | 0         | 12         | SGT              | 6324          |               |
|  | 0         | 6          | SGT              | 6531          |               |
|  | 0         | 1          | SGTMAJ           | 9999          |               |
|  | 0         | 1          | SSGT             | 0193          |               |
|  | 0         | 1          | SSGT             | 0231          |               |
|  | 0         | 4          | SSGT             | 6046          |               |
|  | 0         | 3          | SSGT             | 6048          |               |
|  | 0         | 9          | SSGT             | 6114          |               |
|  | 0         | 3          | SSGT             | 6154          |               |
|  | 0         | 3          | SSGT             | 6174          |               |
|  | 0         | 6          | SSGT             | 6324          |               |
|  | 0         | 3          | SSGT             | 6531          |               |
| 0  | 1         | SSGT       | 7041             |               |               |
| 0  | 1         | SSGT       | 8421             |               |               |
| 0  | 1         | SSGT       | 8711             |               |               |
| <b>HMLA-267 MCAS Camp Pendleton, 09159, FY03 Increment</b> |           |            |                  |               |               |
| USMC   | 0         | 1          | MSGT             | 6019          |               |
| <b>HMLA-267 MCAS Camp Pendleton, 09159, FY04 Increment</b> |           |            |                  |               |               |
| USMC   | 1         | 0          | CAPT             | 7565          |               |
|  | 0         | 2          | CPL              | 6154          |               |
|  | 0         | 1          | CPL              | 6324          |               |
| <b>HMLA-267 MCAS Camp Pendleton, 09159, FY05 Increment</b> |           |            |                  |               |               |
| USMC   | 0         | 1          | CPL              | 6154          |               |
|  | 0         | 1          | CPL              | 6324          |               |
|  | 0         | 1          | LCPL             | 6154          |               |
| <b>ACTIVITY TOTAL:</b>                                     | <b>73</b> | <b>318</b> |                  |               |               |
| <b>HMLA-367 MCAS Camp Pendleton, 09079</b>                 |           |            |                  |               |               |
| USMC   | 9         | 0          | CAPT             | 7563          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |      |
|----------------------------------|---------|-----|------------------|---------------|---------------|------|
|                                  | OFF     | ENL |                  |               |               |      |
| USMC                             | 1       | 0   | CAPT             | 7563          | 7577          |      |
|                                  | 21      | 0   | CAPT             | 7565          |               |      |
|                                  | 1       | 0   | CWO2             | 0170          |               |      |
|                                  | 1       | 0   | CWO2             | 6302          |               |      |
|                                  | 1       | 0   | CWO2             | 6502          |               |      |
|                                  | 1       | 0   | CWO3             | 6004          |               |      |
|                                  | ACDU    | 1   | 0                | LT            |               | 2102 |
|                                  | USMC    | 1   | 0                | LT            |               | 6602 |
|                                  |         | 9   | 0                | LT            |               | 7563 |
|                                  |         | 15  | 0                | LT            |               | 7565 |
|                                  | 1       | 0   | LTCOL            | 7563          |               |      |
|                                  | 1       | 0   | LTCOL            | 7565          |               |      |
|                                  | 3       | 0   | MAJ              | 7563          |               |      |
|                                  | 6       | 0   | MAJ              | 7565          |               |      |
|                                  | 0       | 3   | CPL              | 0121          |               |      |
|                                  | 0       | 1   | CPL              | 0151          |               |      |
|                                  | 0       | 1   | CPL              | 6042          |               |      |
|                                  | 0       | 6   | CPL              | 6046          |               |      |
|                                  | 0       | 3   | CPL              | 6048          |               |      |
|                                  | 0       | 3   | CPL              | 6073          |               |      |
|                                  | 0       | 15  | CPL              | 6114          |               |      |
|                                  | 0       | 15  | CPL              | 6154          |               |      |
|                                  | 0       | 7   | CPL              | 6174          |               |      |
|                                  | 0       | 19  | CPL              | 6324          |               |      |
|                                  | 0       | 9   | CPL              | 6531          |               |      |
|                                  | 0       | 6   | GYSGT            | 6114          |               |      |
|                                  | 0       | 6   | GYSGT            | 6154          |               |      |
|                                  | 0       | 3   | GYSGT            | 6324          |               |      |
|                                  | 0       | 4   | GYSGT            | 6531          |               |      |
| ACDU                             | 0       | 1   | HM1              | 8404          |               |      |
|                                  | 0       | 3   | HM2              | 8406          |               |      |
| USMC                             | 0       | 3   | LCPL             | 0121          |               |      |
|                                  | 0       | 1   | LCPL             | 0151          |               |      |
|                                  | 0       | 1   | LCPL             | 2111          |               |      |
|                                  | 0       | 3   | LCPL             | 0231          |               |      |
|                                  | 0       | 4   | LCPL             | 0431          |               |      |
|                                  | 0       | 1   | LCPL             | 6042          |               |      |
|                                  | 0       | 3   | LCPL             | 6046          |               |      |
|                                  | 0       | 3   | LCPL             | 6072          |               |      |
|                                  | 0       | 31  | LCPL             | 6114          |               |      |
|                                  | 0       | 26  | LCPL             | 6154          |               |      |
|                                  | 0       | 6   | LCPL             | 6174          |               |      |
|                                  | 0       | 18  | LCPL             | 6324          |               |      |
|                                  | 0       | 12  | LCPL             | 6531          |               |      |
|                                  | 0       | 3   | LCPL             | 7041          |               |      |
|                                  | 0       | 1   | MGYSGT           | 6019          |               |      |
|                                  | 0       | 1   | MSGT             | 0193          |               |      |
|                                  | 0       | 1   | MSGT             | 6391          |               |      |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                           | BILLETS   |            | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|-----------|------------|------------------|---------------|---------------|
|  | OFF       | ENL        |                  |               |               |
| USMC   | 0         | 1          | SGT              | 0151          | 6174          |
|  | 0         | 1          | SGT              | 0431          |               |
|  | 0         | 3          | SGT              | 6072          |               |
|  | 0         | 12         | SGT              | 6114          |               |
|  | 0         | 12         | SGT              | 6154          |               |
|  | 0         | 3          | SGT              | 6174          |               |
|  | 0         | 1          | SGT              | 6177          |               |
|  | 0         | 12         | SGT              | 6324          |               |
|  | 0         | 6          | SGT              | 6531          |               |
|  | 0         | 1          | SGTMAJ           | 9999          |               |
|  | 0         | 1          | SSGT             | 0193          |               |
|  | 0         | 1          | SSGT             | 0231          |               |
|  | 0         | 4          | SSGT             | 6046          |               |
|  | 0         | 3          | SSGT             | 6048          |               |
|  | 0         | 9          | SSGT             | 6114          |               |
|  | 0         | 3          | SSGT             | 6154          |               |
|  | 0         | 3          | SSGT             | 6174          |               |
|  | 0         | 6          | SSGT             | 6324          |               |
|  | 0         | 3          | SSGT             | 6531          |               |
|  | 0         | 1          | SSGT             | 7041          |               |
| 0  | 1         | SSGT       | 8421             |               |               |
| 0  | 1         | SSGT       | 8711             |               |               |
| <b>HMLA-367 MCAS Camp Pendleton, 09079, FY03 Increment</b> |           |            |                  |               |               |
| USMC   | 0         | 1          | MSGT             | 6019          |               |
| <b>HMLA-367 MCAS Camp Pendleton, 09079, FY04 Increment</b> |           |            |                  |               |               |
| USMC   | 1         | 0          | CAPT             | 7565          |               |
|  | 0         | 2          | CPL              | 6154          |               |
|  | 0         | 1          | CPL              | 6324          |               |
| <b>HMLA-367 MCAS Camp Pendleton, 09079, FY05 Increment</b> |           |            |                  |               |               |
| USMC   | 0         | 1          | CPL              | 6154          |               |
|  | 0         | 1          | CPL              | 6324          |               |
|  | 0         | 1          | LCPL             | 6154          |               |
| <b>ACTIVITY TOTAL:</b>                                     | <b>73</b> | <b>318</b> |                  |               |               |
| <b>HMLA-369 MCAS Camp Pendleton, 09361</b>                 |           |            |                  |               |               |
| USMC   | 9         | 0          | CAPT             | 7563          | 7577          |
|  | 1         | 0          | CAPT             | 7563          |               |
|  | 21        | 0          | CAPT             | 7565          |               |
|  | 1         | 0          | CWO2             | 0170          |               |
|  | 1         | 0          | CWO2             | 6302          |               |
|  | 1         | 0          | CWO2             | 6502          |               |
|  | 1         | 0          | CWO3             | 6004          |               |
| ACDU   | 1         | 0          | LT               | 2102          |               |
| USMC   | 1         | 0          | LT               | 6602          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |  |
|----------------------------------|---------|-----|------------------|---------------|---------------|--|
|                                  | OFF     | ENL |                  |               |               |  |
| USMC                             | 9       | 0   | LT               | 7563          |               |  |
|                                  | 15      | 0   | LT               | 7565          |               |  |
|                                  | 1       | 0   | LTCOL            | 7563          |               |  |
|                                  | 1       | 0   | LTCOL            | 7565          |               |  |
|                                  | 3       | 0   | MAJ              | 7563          |               |  |
|                                  | 6       | 0   | MAJ              | 7565          |               |  |
|                                  | 0       | 3   | CPL              | 0121          |               |  |
|                                  | 0       | 1   | CPL              | 0151          |               |  |
|                                  | 0       | 1   | CPL              | 6042          |               |  |
|                                  | 0       | 6   | CPL              | 6046          |               |  |
|                                  | 0       | 3   | CPL              | 6048          |               |  |
|                                  | 0       | 3   | CPL              | 6073          |               |  |
|                                  | 0       | 15  | CPL              | 6114          |               |  |
|                                  | 0       | 15  | CPL              | 6154          |               |  |
|                                  | 0       | 7   | CPL              | 6174          |               |  |
|                                  | 0       | 19  | CPL              | 6324          |               |  |
|                                  | 0       | 9   | CPL              | 6531          |               |  |
|                                  | 0       | 6   | GYSGT            | 6114          |               |  |
|                                  | 0       | 6   | GYSGT            | 6154          |               |  |
|                                  | 0       | 3   | GYSGT            | 6324          |               |  |
|                                  | 0       | 4   | GYSGT            | 6531          |               |  |
|                                  | ACDU    | 0   | 1                | HM1           | 8404          |  |
|                                  |         | 0   | 3                | HM2           | 8406          |  |
|                                  | USMC    | 0   | 3                | LCPL          | 0121          |  |
|                                  |         | 0   | 1                | LCPL          | 0151          |  |
|                                  |         | 0   | 1                | LCPL          | 2111          |  |
|                                  |         | 0   | 3                | LCPL          | 0231          |  |
| 0                                |         | 4   | LCPL             | 0431          |               |  |
| 0                                |         | 1   | LCPL             | 6042          |               |  |
| 0                                |         | 3   | LCPL             | 6046          |               |  |
| 0                                |         | 3   | LCPL             | 6072          |               |  |
| 0                                |         | 31  | LCPL             | 6114          |               |  |
| 0                                |         | 26  | LCPL             | 6154          |               |  |
| 0                                |         | 6   | LCPL             | 6174          |               |  |
| 0                                |         | 18  | LCPL             | 6324          |               |  |
| 0                                |         | 12  | LCPL             | 6531          |               |  |
| 0                                |         | 3   | LCPL             | 7041          |               |  |
| 0                                |         | 1   | MGYSGT           | 6019          |               |  |
| 0                                |         | 1   | MSGT             | 0193          |               |  |
| 0                                |         | 1   | MSGT             | 6391          |               |  |
| 0                                |         | 1   | SGT              | 0151          |               |  |
| 0                                |         | 1   | SGT              | 0431          |               |  |
| 0                                |         | 3   | SGT              | 6072          |               |  |
| 0                                | 12      | SGT | 6114             |               |               |  |
| 0                                | 12      | SGT | 6154             |               |               |  |
| 0                                | 3       | SGT | 6174             |               |               |  |
| 0                                | 1       | SGT | 6177             | 6174          |               |  |
| 0                                | 12      | SGT | 6324             |               |               |  |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                           | BILLETS  |            | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|--|------------|------------------|---------------|---------------|
|  | OFF  | ENL        |                  |               |               |
| USMC   | 0  | 6          | SGT              | 6531          |               |
|  | 0  | 1          | SGTMAJ           | 9999          |               |
|  | 0  | 1          | SSGT             | 0193          |               |
|  | 0  | 1          | SSGT             | 0231          |               |
|  | 0  | 4          | SSGT             | 6046          |               |
|  | 0  | 3          | SSGT             | 6048          |               |
|  | 0  | 9          | SSGT             | 6114          |               |
|  | 0  | 3          | SSGT             | 6154          |               |
|  | 0  | 3          | SSGT             | 6174          |               |
|  | 0  | 6          | SSGT             | 6324          |               |
|  | 0  | 3          | SSGT             | 6531          |               |
|  | 0  | 1          | SSGT             | 7041          |               |
|  | 0  | 1          | SSGT             | 8421          |               |
|  | 0  | 1          | SSGT             | 8711          |               |
|  | <b>HMLA-369 MCAS Camp Pendleton, 09361, FY03 Increment</b> |            |                  |               |               |
| USMC   | 0  | 1          | MSGT             | 6019          |               |
| <b>HMLA-369 MCAS Camp Pendleton, 09361, FY04 Increment</b> |  |            |                  |               |               |
| USMC   | 1  | 0          | CAPT             | 7565          |               |
|  | 0  | 2          | CPL              | 6154          |               |
|  | 0  | 1          | CPL              | 6324          |               |
| <b>HMLA-369 MCAS Camp Pendleton, 09361, FY05 Increment</b> |  |            |                  |               |               |
| USMC   | 0  | 1          | CPL              | 6154          |               |
|  | 0  | 1          | CPL              | 6324          |               |
|  | 0  | 1          | LCPL             | 6154          |               |
| <b>ACTIVITY TOTAL:</b>                                     | <b>73</b>  | <b>318</b> |                  |               |               |
| <b>HMLA-775 MCAS Camp Pendleton, 55257</b>                 |  |            |                  |               |               |
| USMC   | 1  | 0          | CAPT             | 7563          | 7577          |
|  | 1  | 0          | CAPT             | 7565          |               |
|  | 1  | 0          | CWO2             | 6502          |               |
|  | 1  | 0          | CWO3             | 6004          |               |
|  | 0  | 2          | CPL              | 0151          |               |
|  | 0  | 1          | CPL              | 6042          |               |
|  | 0  | 1          | CPL              | 6046          |               |
|  | 0  | 2          | CPL              | 6048          |               |
|  | 0  | 1          | CPL              | 6174          |               |
|  | 0  | 2          | CPL              | 6324          |               |
|  | 0  | 1          | GYSGT            | 6114          |               |
|  | 0  | 1          | GYSGT            | 6154          | 9954          |
|  | 0  | 1          | GYSGT            | 6324          |               |
|  | 0  | 1          | GYSGT            | 6531          |               |
| ACDU   | 0  | 1          | HM2              | 8406          |               |
| USMC   | 0  | 2          | LCPL             | 0121          |               |
|  | 0  | 1          | LCPL             | 2111          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS |      | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|----------------------------------|---------|------|------------------|---------------|---------------|
|                                  | OFF     | ENL  |                  |               |               |
| USMC                             | 0       | 1    | LCPL             | 0431          |               |
|                                  | 0       | 1    | LCPL             | 6072          |               |
|                                  | 0       | 5    | LCPL             | 6114          |               |
|                                  | 0       | 5    | LCPL             | 6154          |               |
|                                  | 0       | 1    | LCPL             | 6174          |               |
|                                  | 0       | 5    | LCPL             | 6324          |               |
|                                  | 0       | 3    | LCPL             | 6531          |               |
|                                  | 0       | 2    | LCPL             | 7041          |               |
|                                  | 0       | 1    | MGYSGT           | 6019          |               |
|                                  | 0       | 1    | MSGT             | 6391          |               |
|                                  | 0       | 1    | SGT              | 0431          |               |
|                                  | 0       | 1    | SGT              | 6072          |               |
|                                  | 0       | 2    | SGT              | 6114          |               |
|                                  | 0       | 4    | SGT              | 6154          |               |
|                                  | 0       | 2    | SGT              | 6174          |               |
|                                  | 0       | 1    | SGT              | 6177          | 6174          |
|                                  | 0       | 3    | SGT              | 6324          |               |
|                                  | 0       | 2    | SGT              | 6531          |               |
|                                  | 0       | 1    | SSGT             | 6046          |               |
|                                  | 0       | 2    | SSGT             | 6048          |               |
|                                  | 0       | 2    | SSGT             | 6114          |               |
|                                  | 0       | 1    | SSGT             | 6154          |               |
|                                  | 0       | 1    | SSGT             | 6174          |               |
| 0                                | 1       | SSGT | 6324             |               |               |
| AR                               | 2       | 0    | CAPT             | 7563          |               |
|                                  | 1       | 0    | CAPT             | 7565          | 7577          |
|                                  | 1       | 0    | CWO2             | 0170          |               |
|                                  | 2       | 0    | MAJ              | 7565          |               |
|                                  | 0       | 2    | CPL              | 0121          |               |
|                                  | 0       | 1    | CPL              | 6046          |               |
|                                  | 0       | 1    | CPL              | 6073          |               |
|                                  | 0       | 3    | CPL              | 6114          |               |
|                                  | 0       | 1    | CPL              | 6154          |               |
|                                  | 0       | 1    | CPL              | 6324          |               |
|                                  | 0       | 4    | CPL              | 6531          |               |
|                                  | 0       | 1    | GYSGT            | 6114          |               |
|                                  | 0       | 1    | GYSGT            | 6154          | 9954          |
|                                  | 0       | 1    | GYSGT            | 6531          |               |
|                                  | 0       | 2    | LCPL             | 6114          |               |
|                                  | 0       | 1    | MSGT             | 0193          |               |
|                                  | 0       | 3    | SGT              | 6114          |               |
|                                  | 0       | 1    | SGT              | 6154          |               |
|                                  | 0       | 1    | SGT              | 6324          |               |
|                                  | 0       | 1    | SGT              | 6531          |               |
|                                  | 0       | 1    | SSGT             | 0231          |               |
|                                  | 0       | 1    | SSGT             | 6046          |               |
|                                  | 0       | 1    | SSGT             | 6114          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|----------------------------------|---------|-----|------------------|---------------|---------------|
|                                  | OFF     | ENL |                  |               |               |
| AR                               | 0       | 1   | SSGT             | 7041          |               |
|                                  | 0       | 1   | SSGT             | 8421          |               |
|                                  | 0       | 1   | SSGT             | 8711          |               |
| SMCR                             | 4       | 0   | CAPT             | 7563          |               |
|                                  | 10      | 0   | CAPT             | 7565          |               |
|                                  | 1       | 0   | CWO2             | 6302          |               |
| SELRES                           | 1       | 0   | LT               | 2102          |               |
| SMCR                             | 4       | 0   | LT               | 7563          |               |
|                                  | 12      | 0   | LT               | 7565          |               |
|                                  | 1       | 0   | LTCOL            | 7563          |               |
|                                  | 1       | 0   | LTCOL            | 7565          |               |
|                                  | 2       | 0   | MAJ              | 7563          |               |
|                                  | 3       | 0   | MAJ              | 7565          |               |
|                                  | 0       | 2   | CPL              | 6046          |               |
|                                  | 0       | 1   | CPL              | 6073          |               |
|                                  | 0       | 7   | CPL              | 6114          |               |
|                                  | 0       | 9   | CPL              | 6154          |               |
|                                  | 0       | 4   | CPL              | 6174          |               |
|                                  | 0       | 10  | CPL              | 6324          |               |
|                                  | 0       | 2   | CPL              | 6531          |               |
|                                  | 0       | 2   | GYSGT            | 6114          |               |
|                                  | 0       | 2   | GYSGT            | 6154          |               |
|                                  | 0       | 1   | GYSGT            | 6324          |               |
|                                  | 0       | 1   | GYSGT            | 6531          |               |
| SELRES                           | 0       | 1   | HM1              | 8404          |               |
| SMCR                             | 0       | 1   | LCPL             | 0151          |               |
|                                  | 0       | 2   | LCPL             | 0231          |               |
|                                  | 0       | 2   | LCPL             | 0431          |               |
|                                  | 0       | 1   | LCPL             | 6042          |               |
|                                  | 0       | 2   | LCPL             | 6046          |               |
|                                  | 0       | 1   | LCPL             | 6072          |               |
|                                  | 0       | 14  | LCPL             | 6114          |               |
|                                  | 0       | 13  | LCPL             | 6154          |               |
|                                  | 0       | 3   | LCPL             | 6174          |               |
|                                  | 0       | 6   | LCPL             | 6324          |               |
|                                  | 0       | 5   | LCPL             | 6531          |               |
|                                  | 0       | 1   | LCPL             | 6672          |               |
|                                  | 0       | 1   | SGT              | 6072          |               |
|                                  | 0       | 3   | SGT              | 6114          |               |
|                                  | 0       | 3   | SGT              | 6154          |               |
|                                  | 0       | 5   | SGT              | 6324          |               |
|                                  | 0       | 1   | SGT              | 6531          |               |
|                                  | 0       | 1   | SGTMAJ           | 9999          |               |
|                                  | 0       | 1   | SSGT             | 6046          |               |
|                                  | 0       | 3   | SSGT             | 6114          |               |
|                                  | 0       | 1   | SSGT             | 6154          |               |
|                                  | 0       | 1   | SSGT             | 6174          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                           | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|---------|-----|------------------|---------------|---------------|
|  | OFF     | ENL |                  |               |               |
| SMCR   | 0       | 3   | SSGT             | 6324          |               |
|  | 0       | 2   | SSGT             | 6531          |               |
| <b>HMLA-775 MCAS Camp Pendleton, 55257, FY03 Increment</b> |         |     |                  |               |               |
| USMC   | 1       | 0   | CAPT             | 7565          |               |
|  | 0       | 1   | MSGT             | 6019          |               |
|  | 0       | 1   | SSGT             | 8421          |               |
|  | 0       | 1   | SSGT             | 8711          |               |
| SMCR   | 1       | 0   | CAPT             | 7563          |               |
|  | 0       | 1   | CPL              | 6114          |               |
| <b>HMLA-775 MCAS Camp Pendleton, 55257, FY04 Increment</b> |         |     |                  |               |               |
| SMCR   | 1       | 0   | CAPT             | 7565          |               |
|  | 0       | 2   | LCPL             | 6324          |               |
| <b>ACTIVITY TOTAL:</b>                                     | 52      | 221 |                  |               |               |
| <b>HMT-303 MCAS Camp Pendleton, 55176</b>                  |         |     |                  |               |               |
| USMC   | 1       | 0   | CAPT             | 6002          |               |
|  | 1       | 0   | CAPT             | 6004          |               |
|  | 1       | 0   | CWO2             | 0170          |               |
|  | 1       | 0   | CWO2             | 6502          |               |
|  | 1       | 0   | CWO5             | 6302          |               |
| ACDU   | 1       | 0   | LT               | 2102          |               |
| USMC   | 1       | 0   | LTCOL            | 7563          |               |
|  | 1       | 0   | LTCOL            | 7565          |               |
| ACDU   | 0       | 1   | ADCS             | 0000          |               |
|  | 0       | 2   | AD1              | 8380          |               |
|  | 0       | 2   | AD2              | 8380          |               |
|  | 0       | 3   | AD3              | 8380          |               |
|  | 0       | 3   | ADAN             | 8380          |               |
|  | 0       | 2   | AE1              | 8380          |               |
|  | 0       | 2   | AE2              | 8380          |               |
|  | 0       | 2   | AE3              | 8380          |               |
|  | 0       | 2   | AEAN             | 8380          |               |
|  | 0       | 1   | AMC              | 0000          |               |
|  | 0       | 2   | AM1              | 8380          |               |
|  | 0       | 2   | AM2              | 8380          |               |
|  | 0       | 4   | AM3              | 8380          |               |
|  | 0       | 2   | AMAN             | 8380          |               |
|  | 0       | 2   | AT1              | 8380          |               |
|  | 0       | 2   | AT2              | 8380          |               |
|  | 0       | 2   | AT3              | 8380          |               |
|  | 0       | 2   | ATAN             | 8380          |               |
|  | 0       | 1   | AZ2              | 0000          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT | BILLETS |      | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|----------------------------------|---------|------|------------------|---------------|---------------|
|                                  | OFF     | ENL  |                  |               |               |
| USMC                             | 0       | 2    | CPL              | 0121          | 6154          |
|                                  | 0       | 2    | CPL              | 0151          |               |
|                                  | 0       | 1    | CPL              | 0431          |               |
|                                  | 0       | 2    | CPL              | 6034          |               |
|                                  | 0       | 1    | CPL              | 6046          |               |
|                                  | 0       | 21   | CPL              | 6114          |               |
|                                  | 0       | 4    | CPL              | 6154          |               |
|                                  | 0       | 8    | CPL              | 6174          |               |
|                                  | 0       | 10   | CPL              | 6324          |               |
|                                  | 0       | 8    | CPL              | 6531          |               |
|                                  | 0       | 1    | CPL              | 7041          |               |
|                                  | 0       | 1    | GYSGT            | 0193          |               |
|                                  | 0       | 2    | GYSGT            | 6114          |               |
|                                  | 0       | 1    | GYSGT            | 6174          |               |
|                                  | 0       | 2    | GYSGT            | 6324          |               |
|                                  | 0       | 1    | GYSGT            | 6531          |               |
|                                  | ACDU    | 0    | 1                | HM2           |               |
| 0                                |         | 1    | HM3              | 8404          |               |
| USMC                             | 0       | 2    | LCPL             | 0121          |               |
|                                  | 0       | 1    | LCPL             | 2111          |               |
|                                  | 0       | 1    | LCPL             | 5711          |               |
|                                  | 0       | 1    | LCPL             | 6042          |               |
|                                  | 0       | 3    | LCPL             | 6046          |               |
|                                  | 0       | 3    | LCPL             | 6072          |               |
|                                  | 0       | 35   | LCPL             | 6114          |               |
|                                  | 0       | 14   | LCPL             | 6154          |               |
|                                  | 0       | 11   | LCPL             | 6174          |               |
|                                  | 0       | 11   | LCPL             | 6324          |               |
|                                  | 0       | 14   | LCPL             | 6531          |               |
|                                  | 0       | 2    | LCPL             | 7041          |               |
|                                  | 0       | 1    | MGYSGT           | 6019          |               |
|                                  | 0       | 1    | MGYSGT           | 6391          |               |
|                                  | 0       | 1    | MSGT             | 6019          |               |
| ACDU                             | 0       | 1    | PN2              | 0000          |               |
|                                  | 0       | 1    | PR3              | 0000          |               |
|                                  | 0       | 1    | PRAN             | 0000          |               |
| USMC                             | 0       | 1    | SGT              | 0151          |               |
|                                  | 0       | 1    | SGT              | 6046          |               |
|                                  | 0       | 2    | SGT              | 6048          |               |
|                                  | 0       | 4    | SGT              | 6114          |               |
|                                  | 0       | 2    | SGT              | 6174          |               |
|                                  | 0       | 5    | SGT              | 6324          |               |
|                                  | 0       | 3    | SGT              | 6531          |               |
|                                  | 0       | 1    | SGTMAJ           | 9999          |               |
|                                  | 0       | 1    | SSGT             | 0193          |               |
|                                  | 0       | 2    | SSGT             | 6046          |               |
| 0                                | 1       | SSGT | 6048             |               |               |
| 0                                | 4       | SSGT | 6114             |               |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                           | BILLETS  |            | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|----------|------------|------------------|---------------|---------------|
|  | OFF      | ENL        |                  |               |               |
| USMC   | 0        | 6          | SSGT             | 6154          |               |
|  | 0        | 2          | SSGT             | 6174          |               |
|  | 0        | 6          | SSGT             | 6324          |               |
|  | 0        | 4          | SSGT             | 6531          |               |
|  | 0        | 1          | SSGT             | 7041          |               |
|  | 0        | 1          | SSGT             | 8421          |               |
|  | 0        | 1          | SSGT             | 8711          |               |
| ACDU   | 0        | 1          | YN1              | 0000          |               |
| <b>HMT-303 MCAS Camp Pendleton, 55176, FY02 Increment</b>  |          |            |                  |               |               |
| USMC   | 1        | 0          | CWO3             | 6502          |               |
| <b>HMT-303 MCAS Camp Pendleton, 55176, FY04 Increment</b>  |          |            |                  |               |               |
| USMC   | 0        | 3          | CPL              | 6154          |               |
|  | 0        | 3          | CPL              | 6531          |               |
| <b>ACTIVITY TOTAL:</b>                                     | <b>9</b> | <b>267</b> |                  |               |               |
| FLEET SUPPORT ACTIVITIES - NAVY                            |          |            |                  |               |               |
| <b>Flag and Staff Allow, US LANT FLT and NAVEUR, 00000</b> |          |            |                  |               |               |
| USMC   | 0        | 1          | GYSGT            | 6324          |               |
| <b>ACTIVITY TOTAL:</b>                                     | <b>0</b> | <b>1</b>   |                  |               |               |
| <b>NAMTRAGRU HQ Pensacola, 62229</b>                       |          |            |                  |               |               |
| USMC   | 0        | 1          | SSGT             | 6114          |               |
| <b>ACTIVITY TOTAL:</b>                                     | <b>0</b> | <b>1</b>   |                  |               |               |
| <b>Special Assignment Navy Dept, Arlington, 31201</b>      |          |            |                  |               |               |
| USMC   | 1        | 0          | LTCOL            | 9957          | 7565          |
|  | 1        | 0          | LTCOL            | 9958          | 7563          |
|  | 4        | 0          | LTCOL            | 9958          | 7565          |
|  | 1        | 0          | MAJ              | 7565          | 9960          |
|  | 0        | 1          | GYSGT            | 6114          | 9960          |
| <b>ACTIVITY TOTAL:</b>                                     | <b>7</b> | <b>1</b>   |                  |               |               |
| <b>Flag and Staff Allow, US PAC FLT and NAVCENT, 00000</b> |          |            |                  |               |               |
| USMC   | 0        | 1          | GYSGT            | 6324          |               |
| <b>ACTIVITY TOTAL:</b>                                     | <b>0</b> | <b>1</b>   |                  |               |               |
| FLEET SUPPORT ACTIVITIES - USMC                            |          |            |                  |               |               |
| <b>Aviation Dept HQMC, Arlington, 00027</b>                |          |            |                  |               |               |

USMC

1 0

LTCOL

9958

7565

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT           | BILLETTS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|----------|-----|------------------|---------------|---------------|
|  | OFF      | ENL |                  |               |               |
| ACTIVITY TOTAL:                            | 1        | 0   |                  |               |               |
| Defense Logistics Agency Alexandria, 45947 |          |     |                  |               |               |
| USMC                                       | 1        | 0   | CAPT             | 7565          |               |
|  | 0        | 1   | SSGT             | 6154          |               |
| ACTIVITY TOTAL:                            | 1        | 1   |                  |               |               |
| MAD NAS Patuxent River, 67356              |          |     |                  |               |               |
| USMC                                       | 1        | 0   | CAPT             | 7563          | 7595          |
|  | 1        | 0   | MAJ              | 7565          | 7595          |
|  | 0        | 1   | GYSGT            | 6174          |               |
| ACTIVITY TOTAL:                            | 2        | 1   |                  |               |               |
| MAG-26 MCAS New River, 09506               |          |     |                  |               |               |
| USMC                                       | 0        | 1   | GYSGT            | 6174          |               |
| ACTIVITY TOTAL:                            | 0        | 1   |                  |               |               |
| MAG-29 MCAS New River, 52844               |          |     |                  |               |               |
| USMC                                       | 0        | 1   | GYSGT            | 6174          |               |
| ACTIVITY TOTAL:                            | 0        | 1   |                  |               |               |
| MAG-42 MCAS Marietta, 67236                |          |     |                  |               |               |
| SMCR                                       | 0        | 1   | GYSGT            | 6174          |               |
| ACTIVITY TOTAL:                            | 0        | 1   |                  |               |               |
| MAG-49 NAS Willow Grove, 67256             |          |     |                  |               |               |
| SMCR                                       | 0        | 1   | GYSGT            | 6174          |               |
| ACTIVITY TOTAL:                            | 0        | 1   |                  |               |               |
| MALS-26 (HMLA-167 Augment), 09107          |          |     |                  |               |               |
| USMC                                       | 0        | 3   | CPL              | 6048          |               |
|  | 0        | 3   | CPL              | 6062          |               |
|  | 0        | 3   | CPL              | 6124          |               |
|  | 0        | 3   | CPL              | 6433          |               |
|  | 0        | 3   | CPL              | 6483          |               |
|  | 0        | 6   | CPL              | 6541          |               |
|  | 0        | 6   | LCPL             | 6043          | 6092          |
|  | 0        | 3   | LCPL             | 6062          |               |
|  | 0        | 3   | LCPL             | 6132          |               |
|  | 0        | 3   | LCPL             | 6413          |               |

0 1 LCPL 6422

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT         | BILLETS  |           | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |      |
|--|----------|-----------|------------------|---------------|---------------|------|
|  | OFF      | ENL       |                  |               |               |      |
| USMC                                     | 0        | 2         | LCPL             | 6422          | 6412          |      |
|  | 0        | 3         | LCPL             | 6433          |               |      |
|  | 0        | 6         | LCPL             | 6492          |               |      |
|  | 0        | 9         | LCPL             | 6541          |               |      |
|  | 0        | 3         | LCPL             | 6672          |               |      |
|  | 0        | 3         | SGT              | 6092          |               | 6033 |
|  | 0        | 3         | SGT              | 6124          |               |      |
|  | 0        | 3         | SGT              | 6413          |               |      |
|  | 0        | 3         | SGT              | 6541          |               |      |
|  | 0        | 3         | SGT              | 6672          |               |      |
|  | 0        | 3         | SSGT             | 6124          |               |      |
| <b>ACTIVITY TOTAL:</b>                   | <b>0</b> | <b>78</b> |                  |               |               |      |
| <b>MALS-26 MCAS New River, 09167</b>     |          |           |                  |               |               |      |
| USMC                                     | 0        | 3         | CPL              | 6124          | 6023          |      |
|  | 0        | 1         | CPL              | 6124          |               |      |
|  | 0        | 1         | GYSGT            | 6124          |               |      |
|  | 0        | 5         | LCPL             | 6124          |               |      |
|  | 0        | 2         | SGT              | 6124          |               |      |
|  | 0        | 1         | SGT              | 6124          |               | 6023 |
|  | 0        | 1         | SSGT             | 6124          |               |      |
| <b>ACTIVITY TOTAL:</b>                   | <b>0</b> | <b>14</b> |                  |               |               |      |
| <b>MALS-29 (HMLA-269 Augment), 52841</b> |          |           |                  |               |               |      |
| USMC                                     | 0        | 3         | CPL              | 6048          | 6092          |      |
|  | 0        | 3         | CPL              | 6062          |               |      |
|  | 0        | 3         | CPL              | 6124          |               |      |
|  | 0        | 3         | CPL              | 6433          |               |      |
|  | 0        | 3         | CPL              | 6483          |               |      |
|  | 0        | 6         | CPL              | 6541          |               |      |
|  | 0        | 6         | LCPL             | 6043          |               |      |
|  | 0        | 3         | LCPL             | 6062          |               |      |
|  | 0        | 3         | LCPL             | 6132          |               |      |
|  | 0        | 3         | LCPL             | 6413          |               |      |
|  | 0        | 1         | LCPL             | 6422          |               |      |
|  | 0        | 2         | LCPL             | 6422          |               | 6412 |
|  | 0        | 3         | LCPL             | 6433          |               |      |
|  | 0        | 6         | LCPL             | 6492          |               |      |
|  | 0        | 9         | LCPL             | 6541          |               |      |
|  | 0        | 3         | LCPL             | 6672          |               |      |
|  | 0        | 3         | SGT              | 6092          |               | 6033 |
|  | 0        | 3         | SGT              | 6124          |               |      |
|  | 0        | 3         | SGT              | 6413          |               |      |
|  | 0        | 3         | SGT              | 6541          |               |      |
| 0  | 3        | SGT       | 6672             |               |               |      |
| 0  | 3        | SSGT      | 6124             |               |               |      |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT  | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|-----------------------------------|---------|-----|------------------|---------------|---------------|
|                                   | OFF     | ENL |                  |               |               |
| ACTIVITY TOTAL:                   | 0       | 78  |                  |               |               |
| MALS-29 MCAS New River, 52841     |         |     |                  |               |               |
| USMC                              | 0       | 3   | CPL              | 6124          |               |
|                                   | 0       | 1   | CPL              | 6124          | 6023          |
|                                   | 0       | 1   | GYSGT            | 6124          |               |
|                                   | 0       | 5   | LCPL             | 6124          |               |
|                                   | 0       | 2   | SGT              | 6124          |               |
|                                   | 0       | 1   | SGT              | 6124          | 6023          |
|                                   | 0       | 1   | SSGT             | 6124          |               |
| ACTIVITY TOTAL:                   | 0       | 14  |                  |               |               |
| MALS-39 (HMLA-775 Augment), 09808 |         |     |                  |               |               |
| USMC                              | 0       | 1   | CPL              | 6062          |               |
|                                   | 0       | 1   | CPL              | 6174          |               |
|                                   | 0       | 1   | CPL              | 6433          |               |
|                                   | 0       | 1   | CPL              | 6483          |               |
|                                   | 0       | 2   | CPL              | 6541          |               |
|                                   | 0       | 1   | LCPL             | 6043          | 6092          |
|                                   | 0       | 1   | LCPL             | 6062          |               |
|                                   | 0       | 1   | LCPL             | 6072          |               |
|                                   | 0       | 1   | LCPL             | 6132          |               |
|                                   | 0       | 1   | LCPL             | 6413          |               |
|                                   | 0       | 1   | LCPL             | 6422          | 6412          |
|                                   | 0       | 2   | LCPL             | 6492          |               |
|                                   | 0       | 2   | LCPL             | 6541          |               |
|                                   | 0       | 1   | LCPL             | 6672          |               |
|                                   | 0       | 1   | SGT              | 6092          | 6033          |
|                                   | 0       | 2   | SGT              | 6124          |               |
|                                   | 0       | 1   | SGT              | 6413          |               |
|                                   | 0       | 1   | SGT              | 6672          |               |
|                                   | 0       | 1   | SSGT             | 6124          |               |
| AR                                | 0       | 1   | CPL              | 6048          |               |
|                                   | 0       | 1   | SGT              | 6541          |               |
| SMCR                              | 0       | 1   | CPL              | 6048          |               |
|                                   | 0       | 1   | CPL              | 6062          |               |
|                                   | 0       | 3   | CPL              | 6092          | 6033          |
|                                   | 0       | 2   | CPL              | 6124          |               |
|                                   | 0       | 1   | CPL              | 6433          |               |
|                                   | 0       | 1   | CPL              | 6483          |               |
|                                   | 0       | 2   | CPL              | 6541          |               |
|                                   | 0       | 1   | LCPL             | 6062          |               |
|                                   | 0       | 1   | LCPL             | 6132          |               |
|                                   | 0       | 1   | LCPL             | 6412          | 6422          |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT               | BILLETS  |           | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|----------|-----------|------------------|---------------|---------------|
|  | OFF      | ENL       |                  |               |               |
| SMCR   | 0        | 1         | LCPL             | 6413          |               |
|  | 0        | 2         | LCPL             | 6433          |               |
|  | 0        | 2         | LCPL             | 6492          |               |
|  | 0        | 4         | LCPL             | 6541          |               |
|  | 0        | 1         | LCPL             | 6672          |               |
|  | 0        | 1         | SGT              | 6413          |               |
|  | 0        | 1         | SGT              | 6541          |               |
|  | 0        | 1         | SGT              | 6672          |               |
|  | 0        | 1         | SSGT             | 6092          | 6043          |
|  | 0        | 1         | SSGT             | 6124          |               |
| <b>ACTIVITY TOTAL:</b>                         | <b>0</b> | <b>54</b> |                  |               |               |
| <b>MALS-42 MCAS Marietta, 09513</b>            |          |           |                  |               |               |
| USMC   | 0        | 1         | CPL              | 6124          | 6023          |
| SMCR   | 0        | 1         | CPL              | 6124          | 6023          |
|  | 0        | 1         | GYSGT            | 6124          |               |
|  | 0        | 2         | SGT              | 6124          | 6023          |
|  | 0        | 1         | SSGT             | 6124          | 6023          |
| <b>ACTIVITY TOTAL:</b>                         | <b>0</b> | <b>6</b>  |                  |               |               |
| <b>MALS-49 (HMLA-773 Det A Augment), 55555</b> |          |           |                  |               |               |
| USMC   | 0        | 1         | CPL              | 6048          |               |
|  | 0        | 1         | CPL              | 6062          |               |
|  | 0        | 1         | CPL              | 6073          |               |
|  | 0        | 1         | CPL              | 6124          |               |
|  | 0        | 1         | CPL              | 6433          |               |
|  | 0        | 1         | CPL              | 6483          |               |
|  | 0        | 2         | CPL              | 6541          |               |
|  | 0        | 1         | LCPL             | 6043          | 6092          |
|  | 0        | 1         | LCPL             | 6132          |               |
|  | 0        | 1         | LCPL             | 6422          |               |
|  | 0        | 2         | LCPL             | 6492          |               |
|  | 0        | 2         | LCPL             | 6541          |               |
|  | 0        | 1         | LCPL             | 6672          |               |
|  | 0        | 1         | SGT              | 6092          | 6033          |
|  | 0        | 1         | SGT              | 6124          |               |
|  | 0        | 1         | SGT              | 6413          |               |
|  | 0        | 1         | SGT              | 6672          |               |
|  | 0        | 1         | SSGT             | 6124          |               |
| AR   | 0        | 1         | SGT              | 6072          |               |
|  | 0        | 1         | SGT              | 6541          |               |
| SMCR   | 0        | 1         | CPL              | 6092          | 6033          |
|  | 0        | 1         | LCPL             | 6062          |               |

II.A.1.b. BILLETTS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT             | BILLETS  |           | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|----------|-----------|------------------|---------------|---------------|
|  | OFF      | ENL       |                  |               |               |
| SMCR   | 0        | 1         | LCPL             | 6413          |               |
|  | 0        | 1         | LCPL             | 6433          |               |
|  | 0        | 1         | LCPL             | 6541          |               |
| <b>ACTIVITY TOTAL:</b>                       | <b>0</b> | <b>28</b> |                  |               |               |
| <b>MALS-49 Fort Stewart, 55555</b>           |          |           |                  |               |               |
| SMCR   | 0        | 1         | GYSGT            | 6124          |               |
| <b>ACTIVITY TOTAL:</b>                       | <b>0</b> | <b>1</b>  |                  |               |               |
| <b>MARCOR Asgn Allied/UN Commands, 00000</b> |          |           |                  |               |               |
| USMC   | 2        | 0         | CAPT             | 7565          |               |
| <b>ACTIVITY TOTAL:</b>                       | <b>2</b> | <b>0</b>  |                  |               |               |
| <b>MARCOR Asgn USA/USAF, 00000</b>           |          |           |                  |               |               |
| USMC   | 1        | 0         | CAPT             | 9957          | 7563          |
|  | 0        | 1         | GYSGT            | 6114          |               |
| <b>ACTIVITY TOTAL:</b>                       | <b>1</b> | <b>1</b>  |                  |               |               |
| <b>MASD Andrews AFB, 65705</b>               |          |           |                  |               |               |
| USMC   | 0        | 1         | SGT              | 6174          |               |
| <b>ACTIVITY TOTAL:</b>                       | <b>0</b> | <b>1</b>  |                  |               |               |
| <b>MC Personnel Dept of Navy, 00000</b>      |          |           |                  |               |               |
| USMC   | 1        | 0         | CAPT             | 7565          |               |
|  | 0        | 2         | GYSGT            | 6114          |               |
|  | 0        | 1         | GYSGT            | 6174          |               |
|  | 0        | 1         | SSGT             | 6154          |               |
|  | 0        | 1         | SSGT             | 6324          |               |
| <b>ACTIVITY TOTAL:</b>                       | <b>1</b> | <b>5</b>  |                  |               |               |
| <b>MC Systems Command Quantico, 00262</b>    |          |           |                  |               |               |
| USMC   | 1        | 0         | LTCOL            | 7565          |               |
| <b>ACTIVITY TOTAL:</b>                       | <b>1</b> | <b>0</b>  |                  |               |               |
| <b>MCCDC Quantico, 00264</b>                 |          |           |                  |               |               |
| USMC   | 1        | 0         | MAJ              | 7565          | 7557          |
| <b>ACTIVITY TOTAL:</b>                       | <b>1</b> | <b>0</b>  |                  |               |               |
| <b>Site Support Belle Chase, 82191</b>       |          |           |                  |               |               |

USMC

1 0

LTCOL

7565

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                        | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|---|---------|-----|------------------|---------------|---------------|
|   | OFF     | ENL |                  |               |               |
| ACTIVITY TOTAL:   | 1       | 0   |                  |               |               |
| <b>US Joint Forces Command and Sub (USJFCOM), 00000</b> |         |     |                  |               |               |
| USMC  | 1       | 0   | MAJ              | 7565          |               |
| ACTIVITY TOTAL:   | 1       | 0   |                  |               |               |
| <b>H&amp;HS MCAS Camp Pendleton, 67604</b>              |         |     |                  |               |               |
| USMC  | 0       | 1   | CPL              | 6114          |               |
|   | 0       | 1   | LCPL             | 6114          |               |
| ACTIVITY TOTAL:   | 0       | 2   |                  |               |               |
| <b>H&amp;HS MCAS Yuma, 62974</b>                        |         |     |                  |               |               |
| USMC  | 6       | 0   | CAPT             | 7563          |               |
|   | 1       | 0   | CAPT             | 7596          | 7563          |
|   | 1       | 0   | MAJ              | 7563          |               |
|   | 0       | 3   | CPL              | 6114          |               |
|   | 0       | 1   | CPL              | 6324          |               |
|   | 0       | 1   | GYSGT            | 6114          |               |
|   | 0       | 1   | GYSGT            | 6324          |               |
|   | 0       | 2   | LCPL             | 6114          |               |
|   | 0       | 2   | LCPL             | 6154          |               |
|   | 0       | 4   | LCPL             | 6174          |               |
|   | 0       | 1   | LCPL             | 6324          |               |
|   | 0       | 1   | SGT              | 6154          |               |
|   | 0       | 4   | SGT              | 6174          |               |
|   | 0       | 1   | SGT              | 6324          |               |
|   | 0       | 2   | SSGT             | 6114          |               |
|   | 0       | 2   | SSGT             | 6154          |               |
|   | 0       | 1   | SSGT             | 6154          | 9954          |
|   | 0       | 1   | SSGT             | 6324          |               |
| ACTIVITY TOTAL:   | 8       | 27  |                  |               |               |
| <b>MAD China Lake, 67852</b>                            |         |     |                  |               |               |
| USMC  | 1       | 0   | CAPT             | 7565          | 7577          |
|   | 1       | 0   | CAPT             | 7595          | 7595          |
|   | 1       | 0   | CAPT             | 9957          | 7565          |
|   | 1       | 0   | MAJ              | 7565          | 7595          |
|   | 0       | 2   | CPL              | 6114          |               |
|   | 0       | 2   | CPL              | 6154          |               |
|   | 0       | 1   | GYSGT            | 6324          |               |
|   | 0       | 1   | SGT              | 6114          |               |
|   | 0       | 2   | SSGT             | 6324          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT         | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|---------|-----|------------------|---------------|---------------|
|  | OFF     | ENL |                  |               |               |
| ACTIVITY TOTAL:                          | 4       | 8   |                  |               |               |
| <b>MAG-16 MCAS Miramar, 09243</b>        |         |     |                  |               |               |
| USMC                                     | 0       | 1   | GYSGT            | 6174          |               |
| ACTIVITY TOTAL:                          | 0       | 1   |                  |               |               |
| <b>MAG-36 MCAS Futenma, 09260</b>        |         |     |                  |               |               |
| USMC                                     | 0       | 1   | GYSGT            | 6174          |               |
| ACTIVITY TOTAL:                          | 0       | 1   |                  |               |               |
| <b>MAG-39 MCAS Camp Pendleton, 09304</b> |         |     |                  |               |               |
| USMC                                     | 0       | 1   | GYSGT            | 6174          |               |
| ACTIVITY TOTAL:                          | 0       | 1   |                  |               |               |
| <b>MALS-16 MCAS Miramar, 55583</b>       |         |     |                  |               |               |
| USMC                                     | 0       | 1   | GYSGT            | 6124          |               |
| ACTIVITY TOTAL:                          | 0       | 1   |                  |               |               |
| <b>MALS-36 MCAS Futenma, 09136</b>       |         |     |                  |               |               |
| USMC                                     | 0       | 2   | CPL              | 6124          |               |
|  | 0       | 1   | CPL              | 6124          | 6023          |
|  | 0       | 1   | GYSGT            | 6124          |               |
|  | 0       | 8   | LCPL             | 6124          |               |
|  | 0       | 1   | SSGT             | 6124          |               |
|  | 0       | 1   | SSGT             | 6124          | 6023          |
| ACTIVITY TOTAL:                          | 0       | 14  |                  |               |               |
| <b>MALS-39 (HMLA-169 Augment), 09808</b> |         |     |                  |               |               |
| USMC                                     | 0       | 3   | CPL              | 6048          |               |
|  | 0       | 3   | CPL              | 6062          |               |
|  | 0       | 3   | CPL              | 6124          |               |
|  | 0       | 3   | CPL              | 6433          |               |
|  | 0       | 3   | CPL              | 6483          |               |
|  | 0       | 6   | CPL              | 6541          |               |
|  | 0       | 6   | LCPL             | 6043          | 6092          |
|  | 0       | 3   | LCPL             | 6062          |               |
|  | 0       | 3   | LCPL             | 6132          |               |
|  | 0       | 3   | LCPL             | 6413          |               |
|  | 0       | 1   | LCPL             | 6422          |               |
|  | 0       | 2   | LCPL             | 6422          | 6412          |
|  | 0       | 3   | LCPL             | 6433          |               |
|  | 0       | 6   | LCPL             | 6492          |               |
|  | 0       | 9   | LCPL             | 6541          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT         | BILLETS  |           | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|----------|-----------|------------------|---------------|---------------|
|  | OFF      | ENL       |                  |               |               |
| USMC                                     | 0        | 3         | LCPL             | 6672          | 6033          |
|  | 0        | 3         | SGT              | 6092          |               |
|  | 0        | 3         | SGT              | 6124          |               |
|  | 0        | 3         | SGT              | 6413          |               |
|  | 0        | 3         | SGT              | 6541          |               |
|  | 0        | 3         | SGT              | 6672          |               |
|  | 0        | 3         | SSGT             | 6124          |               |
| <b>ACTIVITY TOTAL:</b>                   | <b>0</b> | <b>78</b> |                  |               |               |
| <b>MALS-39 (HMLA-267 Augment), 09808</b> |          |           |                  |               |               |
| USMC                                     | 0        | 3         | CPL              | 6048          | 6092          |
|  | 0        | 3         | CPL              | 6062          |               |
|  | 0        | 3         | CPL              | 6124          |               |
|  | 0        | 3         | CPL              | 6433          |               |
|  | 0        | 3         | CPL              | 6483          |               |
|  | 0        | 6         | CPL              | 6541          |               |
|  | 0        | 6         | LCPL             | 6043          |               |
|  | 0        | 3         | LCPL             | 6062          |               |
|  | 0        | 3         | LCPL             | 6132          |               |
|  | 0        | 3         | LCPL             | 6413          |               |
|  | 0        | 1         | LCPL             | 6422          |               |
|  | 0        | 2         | LCPL             | 6422          |               |
|  | 0        | 3         | LCPL             | 6433          |               |
|  | 0        | 6         | LCPL             | 6492          |               |
|  | 0        | 9         | LCPL             | 6541          |               |
|  | 0        | 3         | LCPL             | 6672          |               |
|  | 0        | 3         | SGT              | 6092          |               |
|  | 0        | 3         | SGT              | 6124          |               |
|  | 0        | 3         | SGT              | 6413          |               |
|  | 0        | 3         | SGT              | 6541          |               |
| 0  | 3        | SGT       | 6672             |               |               |
| 0  | 3        | SSGT      | 6124             |               |               |
| <b>ACTIVITY TOTAL:</b>                   | <b>0</b> | <b>78</b> |                  |               |               |
| <b>MALS-39 (HMLA-367 Augment), 09808</b> |          |           |                  |               |               |
| USMC                                     | 0        | 3         | CPL              | 6048          | 6092          |
|  | 0        | 3         | CPL              | 6062          |               |
|  | 0        | 3         | CPL              | 6124          |               |
|  | 0        | 3         | CPL              | 6433          |               |
|  | 0        | 3         | CPL              | 6483          |               |
|  | 0        | 6         | CPL              | 6541          |               |
|  | 0        | 6         | LCPL             | 6043          |               |
|  | 0        | 3         | LCPL             | 6062          |               |
|  | 0        | 3         | LCPL             | 6132          |               |
|  | 0        | 3         | LCPL             | 6413          |               |
|  | 0        | 1         | LCPL             | 6422          |               |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT         | BILLETS  |           | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |      |
|--|----------|-----------|------------------|---------------|---------------|------|
|  | OFF      | ENL       |                  |               |               |      |
| USMC                                     | 0        | 2         | LCPL             | 6422          | 6412          |      |
|  | 0        | 3         | LCPL             | 6433          |               |      |
|  | 0        | 6         | LCPL             | 6492          |               |      |
|  | 0        | 9         | LCPL             | 6541          |               |      |
|  | 0        | 3         | LCPL             | 6672          |               |      |
|  | 0        | 3         | SGT              | 6092          |               | 6033 |
|  | 0        | 3         | SGT              | 6124          |               |      |
|  | 0        | 3         | SGT              | 6413          |               |      |
|  | 0        | 3         | SGT              | 6541          |               |      |
|  | 0        | 3         | SGT              | 6672          |               |      |
|  | 0        | 3         | SSGT             | 6124          |               |      |
| <b>ACTIVITY TOTAL:</b>                   | <b>0</b> | <b>78</b> |                  |               |               |      |
| <b>MALS-39 (HMLA-369 Augment), 09808</b> |          |           |                  |               |               |      |
| USMC                                     | 0        | 3         | CPL              | 6048          | 6092          |      |
|  | 0        | 3         | CPL              | 6062          |               |      |
|  | 0        | 3         | CPL              | 6124          |               |      |
|  | 0        | 3         | CPL              | 6433          |               |      |
|  | 0        | 3         | CPL              | 6483          |               |      |
|  | 0        | 6         | CPL              | 6541          |               |      |
|  | 0        | 6         | LCPL             | 6043          |               |      |
|  | 0        | 3         | LCPL             | 6062          |               |      |
|  | 0        | 3         | LCPL             | 6132          |               |      |
|  | 0        | 3         | LCPL             | 6413          |               |      |
|  | 0        | 1         | LCPL             | 6422          |               |      |
|  | 0        | 2         | LCPL             | 6422          |               | 6412 |
|  | 0        | 3         | LCPL             | 6433          |               |      |
|  | 0        | 6         | LCPL             | 6492          |               |      |
|  | 0        | 9         | LCPL             | 6541          |               |      |
|  | 0        | 3         | LCPL             | 6672          |               |      |
|  | 0        | 3         | SGT              | 6092          |               | 6033 |
|  | 0        | 3         | SGT              | 6124          |               |      |
|  | 0        | 3         | SGT              | 6413          |               |      |
|  | 0        | 3         | SGT              | 6541          |               |      |
| 0  | 3        | SGT       | 6672             |               |               |      |
| 0  | 3        | SSGT      | 6124             |               |               |      |
| <b>ACTIVITY TOTAL:</b>                   | <b>0</b> | <b>78</b> |                  |               |               |      |
| <b>MALS-39 (HMT-303 Augment), 09808</b>  |          |           |                  |               |               |      |
| ACDU                                     | 0        | 1         | AD1              | 6417          | 6092          |      |
|  | 0        | 1         | AD2              | 6417          |               |      |
|  | 0        | 1         | AK2              | 0000          |               |      |
|  | 0        | 1         | AM3              | 7212          |               |      |
|  | 0        | 1         | AM2              | 7232          |               |      |
|  | 0        | 1         | CPL              | 6043          |               |      |
| USMC                                     | 0        | 1         | CPL              | 6048          |               |      |

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT          | BILLETS  |           | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|---|----------|-----------|------------------|---------------|---------------|
|   | OFF      | ENL       |                  |               |               |
| USMC                                      | 0        | 1         | CPL              | 6062          |               |
|   | 0        | 2         | CPL              | 6124          |               |
|   | 0        | 1         | CPL              | 6132          |               |
|   | 0        | 2         | CPL              | 6413          |               |
|   | 0        | 3         | CPL              | 6423          |               |
|   | 0        | 2         | CPL              | 6433          |               |
|   | 0        | 1         | CPL              | 6483          |               |
|   | 0        | 2         | CPL              | 6492          |               |
|   | 0        | 2         | LCPL             | 6048          |               |
|   | 0        | 1         | LCPL             | 6062          |               |
|   | 0        | 7         | LCPL             | 6072          |               |
|   | 0        | 2         | LCPL             | 6073          |               |
|   | 0        | 2         | LCPL             | 6092          |               |
|   | 0        | 1         | LCPL             | 6132          |               |
|   | 0        | 3         | LCPL             | 6412          |               |
|   | 0        | 3         | LCPL             | 6413          |               |
|   | 0        | 3         | LCPL             | 6483          |               |
|   | 0        | 3         | LCPL             | 6541          |               |
|   | 0        | 1         | SGT              | 6062          |               |
|   | 0        | 2         | SGT              | 6072          |               |
|   | 0        | 1         | SGT              | 6092          | 6033          |
|   | 0        | 1         | SGT              | 6124          |               |
|   | 0        | 1         | SGT              | 6433          |               |
| 0   | 1        | SGT       | 6483             |               |               |
| 0   | 1        | SGT       | 6492             |               |               |
| 0   | 3        | SGT       | 6541             |               |               |
| 0   | 2        | SSGT      | 6414             |               |               |
| <b>ACTIVITY TOTAL:</b>                    | <b>0</b> | <b>61</b> |                  |               |               |
| <b>MALS-39 MCAS Camp Pendleton, 09808</b> |          |           |                  |               |               |
| USMC                                      | 0        | 3         | CPL              | 6124          |               |
|   | 0        | 3         | CPL              | 6124          | 6023          |
|   | 0        | 1         | GYSGT            | 6124          |               |
|   | 0        | 5         | LCPL             | 6124          |               |
|   | 0        | 2         | SGT              | 6124          |               |
|   | 0        | 3         | SGT              | 6124          | 6023          |
|   | 0        | 1         | SSGT             | 6124          |               |
|   | 0        | 1         | SSGT             | 6124          | 6023          |
| <b>ACTIVITY TOTAL:</b>                    | <b>0</b> | <b>19</b> |                  |               |               |
| <b>MAWTS-1 Yuma, 57079</b>                |          |           |                  |               |               |
| USMC                                      | 3        | 0         | CAPT             | 7563          |               |
|   | 3        | 0         | CAPT             | 7565          |               |
|   | 1        | 0         | MAJ              | 7563          |               |
|   | 1        | 0         | MAJ              | 7565          |               |
|   | 1        | 0         | MAJ              | 9958          | 7565          |

**II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES**

| ACTIVITY, UIC, PHASING INCREMENT          | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|---|---------|-----|------------------|---------------|---------------|
|   | OFF     | ENL |                  |               |               |
| ACTIVITY TOTAL:                           | 9       | 0   |                  |               |               |
| <b>MCAGCC, Twentynine Palms, 67399</b>    |         |     |                  |               |               |
| USMC                                      | 1       | 0   | MAJ              | 7565          |               |
| ACTIVITY TOTAL:                           | 1       | 0   |                  |               |               |
| <b>MCRD San Diego, 00243</b>              |         |     |                  |               |               |
| USMC                                      | 0       | 1   | GYSGT            | 6114          |               |
| ACTIVITY TOTAL:                           | 0       | 1   |                  |               |               |
| <b>Site Support Camp Pendleton, 00000</b> |         |     |                  |               |               |
| USMC                                      | 1       | 0   | LTCOL            | 7565          |               |
| ACTIVITY TOTAL:                           | 1       | 0   |                  |               |               |

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| DESIG/<br>RATING                     | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|--------------------------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                      |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| USMC OPERATIONAL ACTIVITIES - ACDU   |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| LT                                   | 2102                   | 7    |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| ADCS                                 | 0000                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AD1                                  | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AD2                                  | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AD3                                  | 8380                   |      | 3   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| ADAN                                 | 8380                   |      | 3   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AE1                                  | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AE2                                  | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AE3                                  | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AEAN                                 | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AMC                                  | 0000                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AM1                                  | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AM2                                  | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AM3                                  | 8380                   |      | 4   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AMAN                                 | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AT1                                  | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AT2                                  | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AT3                                  | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| ATAN                                 | 8380                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AZ2                                  | 0000                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| HM1                                  | 8404                   |      | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| HM2                                  | 8406                   |      | 23  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| HM3                                  | 8404                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| PN2                                  | 0000                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| PR3                                  | 0000                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| PRAN                                 | 0000                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| YN1                                  | 0000                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC OPERATIONAL ACTIVITIES - SELRES |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| LT                                   | 2100                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LT                                   | 2102                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| HM1                                  | 8404                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC OPERATIONAL ACTIVITIES - USMC   |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| CAPT                                 | 6002                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 6004                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 7563                   |      | 65  | 0     | 0   | 3    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 7563                   | 7577 | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 7565                   |      | 131 | 0     | 0   | 1    | 6   | 0    | 0   | 0    | 0   | 0    | 0   |
| CWO2                                 | 0170                   |      | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CWO2                                 | 6302                   |      | 6   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CWO2                                 | 6502                   |      | 9   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CWO3                                 | 6004                   |      | 8   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| DESIG/<br>RATING | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                  |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| CWO3             | 6502                   | 0    |     | 0     |     | 1    |     | 0    |     | 0    |     | 0    |     |
| CWO5             | 6302                   | 1    |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| LT               | 6602                   | 6    |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| LT               | 7563                   | 54   |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| LT               | 7565                   | 90   |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| LTCOL            | 7563                   | 7    |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| LTCOL            | 7565                   | 7    |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| MAJ              | 7563                   | 21   |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| MAJ              | 7565                   | 39   |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| MAJ              | 9958 7563              | 1    |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| CPL              | 0121                   |      | 20  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 0151                   |      | 11  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 0431                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6034 6154              |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6042                   |      | 8   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6046                   |      | 43  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6048                   |      | 24  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6073                   |      | 18  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6114                   |      | 114 |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6154                   |      | 108 |       | 0   |      | 0   |      | 0   | 15   |     | 6    |     |
| CPL              | 6174                   |      | 54  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6324                   |      | 134 |       | 0   |      | 0   |      | 0   | 6    |     | 6    |     |
| CPL              | 6531                   |      | 64  |       | 0   |      | 0   |      | 0   | 3    |     | 0    |     |
| CPL              | 7041                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 0193                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6114                   |      | 41  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6124                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6154                   |      | 38  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6154 9954              |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6174                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6324                   |      | 26  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6531                   |      | 28  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 0121                   |      | 26  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 0151                   |      | 6   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 2111                   |      | 9   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 0231                   |      | 18  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 0431                   |      | 28  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 5711                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6042                   |      | 7   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6046                   |      | 21  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6072                   |      | 24  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6114                   |      | 242 |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6124                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6154                   |      | 193 |       | 0   |      | 0   |      | 0   |      | 0   |      | 6   |
| LCPL             | 6174                   |      | 51  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6324                   |      | 141 |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6531                   |      | 96  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 7041                   |      | 26  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| DESIG/<br>RATING                 | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                  |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| MGYSGT                           | 6019                   |      | 9   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| MGYSGT                           | 6391                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| MSGT                             | 0193                   |      | 6   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| MSGT                             | 6019                   |      | 1   | 0     | 0   | 0    | 8   | 0    | 0   | 0    | 0   | 0    | 0   |
| MSGT                             | 6391                   |      | 8   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 0151                   |      | 8   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 0431                   |      | 8   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 6046                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 6048                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 6072                   |      | 20  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 6114                   |      | 82  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 6154                   |      | 84  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 6174                   |      | 26  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 6177                   | 6174 | 8   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 6324                   |      | 89  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                              | 6531                   |      | 45  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGTMAJ                           | 9999                   |      | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 0193                   |      | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 0231                   |      | 6   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 6046                   |      | 29  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 6048                   |      | 25  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 6114                   |      | 68  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 6154                   |      | 30  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 6174                   |      | 24  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 6324                   |      | 46  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 6531                   |      | 22  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 7041                   |      | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 8421                   |      | 7   | 0     | 0   | 0    | 2   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                             | 8711                   |      | 7   | 0     | 0   | 0    | 2   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC OPERATIONAL ACTIVITIES - AR |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| CAPT                             | 7563                   |      | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                             | 7565                   |      | 3   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                             | 7565                   | 7577 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CWO2                             | 0170                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| MAJ                              | 7565                   |      | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                              | 0121                   |      | 6   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                              | 6046                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                              | 6073                   |      | 3   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                              | 6114                   |      | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                              | 6154                   |      | 5   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                              | 6324                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                              | 6531                   |      | 10  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| GYSGT                            | 6114                   |      | 5   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| GYSGT                            | 6154                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| GYSGT                            | 6154                   | 9954 | 5   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| GYSGT                            | 6531                   |      | 3   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                             | 6114                   |      | 5   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| DESIG/<br>RATING                   | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                    |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| MSGT                               | 0193                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT                                | 6046                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT                                | 6072                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT                                | 6114                   |      | 9   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT                                | 6154                   |      | 7   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT                                | 6324                   |      | 3   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT                                | 6531                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT                               | 0193                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT                               | 0231                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT                               | 6046                   |      | 3   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT                               | 6114                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT                               | 6531                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT                               | 7041                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT                               | 8421                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT                               | 8711                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| USMC OPERATIONAL ACTIVITIES - SMCR |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| CAPT                               | 7563                   |      | 7   |       | 0   |      | 0   |      | 2   |      | 0   |      | 0   |
| CAPT                               | 7563                   | 7577 | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CAPT                               | 7565                   |      | 28  |       | 0   |      | 0   |      | 0   |      | 2   |      | 0   |
| CWO2                               | 6302                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LT                                 | 7563                   |      | 12  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LT                                 | 7565                   |      | 36  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LTCOL                              | 7563                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LTCOL                              | 7565                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| MAJ                                | 7563                   |      | 6   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| MAJ                                | 7565                   |      | 6   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL                                | 6046                   |      | 3   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL                                | 6073                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL                                | 6114                   |      | 21  |       | 0   |      | 0   |      | 1   |      | 0   |      | 0   |
| CPL                                | 6154                   |      | 22  |       | 0   |      | 0   |      | 1   |      | 0   |      | 0   |
| CPL                                | 6174                   |      | 11  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL                                | 6324                   |      | 28  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL                                | 6531                   |      | 6   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT                              | 6114                   |      | 4   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT                              | 6154                   |      | 4   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT                              | 6324                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT                              | 6531                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL                               | 0121                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL                               | 0151                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL                               | 0231                   |      | 5   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL                               | 0431                   |      | 4   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL                               | 6042                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL                               | 6046                   |      | 6   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL                               | 6072                   |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL                               | 6114                   |      | 35  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL                               | 6154                   |      | 37  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL                               | 6174                   |      | 8   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| DESIG/<br>RATING                     | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|--------------------------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                      |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| LCPL                                 | 6324                   |      | 18  | 0     | 0   | 0    | 0   | 0    | 0   | 6    | 0   | 0    | 0   |
| LCPL                                 | 6531                   |      | 14  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                                 | 6672                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6072                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6114                   |      | 9   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6154                   |      | 6   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6324                   |      | 11  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6531                   |      | 4   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGTMAJ                               | 9999                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 0193                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 0231                   |      | 0   | 0     | 0   | 0    | 0   | 1    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6046                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6114                   |      | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6154                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6174                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6324                   |      | 8   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6531                   |      | 4   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| NAVY FLEET SUPPORT ACTIVITIES - USMC |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| LTCOL                                | 9957                   | 7565 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LTCOL                                | 9958                   | 7563 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LTCOL                                | 9958                   | 7565 | 4   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| MAJ                                  | 7565                   | 9960 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| GYSGT                                | 6114                   | 9960 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| GYSGT                                | 6324                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6114                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC FLEET SUPPORT ACTIVITIES - ACDU |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| AD1                                  | 6417                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AD2                                  | 6417                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AK2                                  | 0000                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AM3                                  | 7212                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| AM2                                  | 7232                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC FLEET SUPPORT ACTIVITIES - USMC |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| CAPT                                 | 7563                   |      | 9   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 7563                   | 7595 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 7565                   |      | 7   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 7565                   | 7577 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 7595                   | 7595 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 7596                   | 7563 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 9957                   | 7563 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CAPT                                 | 9957                   | 7565 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LTCOL                                | 7565                   |      | 3   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LTCOL                                | 9958                   | 7565 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| MAJ                                  | 7563                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| MAJ                                  | 7565                   |      | 3   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| MAJ                                  | 7565                   | 7557 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| DESIG/<br>RATING | PNEC/SNEC |      | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------|-----------|------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                  | PMOS      | SMOS | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| MAJ              | 7565      | 7595 | 2    |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| MAJ              | 9958      | 7565 | 1    |     | 0     |     | 0    |     | 0    |     | 0    |     | 0    |     |
| CPL              | 6043      | 6092 |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6048      |      |      | 20  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6062      |      |      | 21  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6073      |      |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6114      |      |      | 6   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6124      |      |      | 32  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6124      | 6023 |      | 7   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6132      |      |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6154      |      |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6174      |      |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6324      |      |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6413      |      |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6423      |      |      | 3   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6433      |      |      | 22  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6483      |      |      | 21  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6492      |      |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| CPL              | 6541      |      |      | 40  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6114      |      |      | 5   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6124      |      |      | 5   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6174      |      |      | 7   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| GYSGT            | 6324      |      |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6043      | 6092 |      | 38  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6048      |      |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6062      |      |      | 20  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6072      |      |      | 8   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6073      |      |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6092      |      |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6114      |      |      | 3   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6124      |      |      | 23  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6132      |      |      | 21  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6154      |      |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6174      |      |      | 4   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6324      |      |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6412      |      |      | 3   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6413      |      |      | 22  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6422      |      |      | 7   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6422      | 6412 |      | 13  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6433      |      |      | 18  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6483      |      |      | 3   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6492      |      |      | 40  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6541      |      |      | 61  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| LCPL             | 6672      |      |      | 20  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT              | 6062      |      |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT              | 6072      |      |      | 2   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT              | 6092      | 6033 |      | 21  |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT              | 6114      |      |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| DESIG/<br>RATING                     | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|--------------------------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                      |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| SGT                                  | 6124                   |      | 28  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6124                   | 6023 | 5   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6154                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6174                   |      | 5   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6324                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6413                   |      | 20  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6433                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6483                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6492                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6541                   |      | 21  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6672                   |      | 20  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6114                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6124                   |      | 24  | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6124                   | 6023 | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6154                   |      | 4   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6154                   | 9954 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6324                   |      | 4   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT                                 | 6414                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC FLEET SUPPORT ACTIVITIES - AR   |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| CPL                                  | 6048                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                                  | 6073                   |      | 0   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6072                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6541                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC FLEET SUPPORT ACTIVITIES - SMCR |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| CPL                                  | 6048                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                                  | 6062                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                                  | 6073                   |      | 0   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                                  | 6092                   | 6033 | 4   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                                  | 6124                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                                  | 6124                   | 6023 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                                  | 6433                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                                  | 6483                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                                  | 6541                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| GYSGT                                | 6124                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| GYSGT                                | 6174                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                                 | 6062                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                                 | 6132                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                                 | 6412                   | 6422 | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                                 | 6413                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                                 | 6433                   |      | 3   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                                 | 6492                   |      | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                                 | 6531                   |      | 0   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                                 | 6541                   |      | 5   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL                                 | 6672                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6124                   | 6023 | 2   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT                                  | 6413                   |      | 1   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| DESIG/<br>RATING | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                  |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| SGT              | 6541                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SGT              | 6672                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT             | 6092 6043              |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT             | 6124                   |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |
| SSGT             | 6124 6023              |      | 1   |       | 0   |      | 0   |      | 0   |      | 0   |      | 0   |

**SUMMARY TOTALS:**

|                                      |  |     |      |   |   |   |   |   |    |   |    |   |    |
|--------------------------------------|--|-----|------|---|---|---|---|---|----|---|----|---|----|
| USMC OPERATIONAL ACTIVITIES - ACDU   |  |     |      |   |   |   |   |   |    |   |    |   |    |
|                                      |  | 7   | 74   | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0  | 0 | 0  |
| USMC OPERATIONAL ACTIVITIES - SELRES |  |     |      |   |   |   |   |   |    |   |    |   |    |
|                                      |  | 2   | 1    | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0  | 0 | 0  |
| USMC OPERATIONAL ACTIVITIES - USMC   |  |     |      |   |   |   |   |   |    |   |    |   |    |
|                                      |  | 461 | 2314 | 0 | 0 | 1 | 0 | 4 | 12 | 6 | 24 | 0 | 18 |
| USMC OPERATIONAL ACTIVITIES - AR     |  |     |      |   |   |   |   |   |    |   |    |   |    |
|                                      |  | 20  | 95   | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0  | 0 | 0  |
| USMC OPERATIONAL ACTIVITIES - SMCR   |  |     |      |   |   |   |   |   |    |   |    |   |    |
|                                      |  | 102 | 300  | 0 | 0 | 0 | 0 | 2 | 3  | 2 | 6  | 0 | 0  |
| NAVY FLEET SUPPORT ACTIVITIES - USMC |  |     |      |   |   |   |   |   |    |   |    |   |    |
|                                      |  | 7   | 4    | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0  | 0 | 0  |
| USMC FLEET SUPPORT ACTIVITIES - ACDU |  |     |      |   |   |   |   |   |    |   |    |   |    |
|                                      |  |     | 5    |   | 0 |   | 0 |   | 0  |   | 0  |   | 0  |
| USMC FLEET SUPPORT ACTIVITIES - USMC |  |     |      |   |   |   |   |   |    |   |    |   |    |
|                                      |  | 35  | 683  | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0  | 0 | 0  |
| USMC FLEET SUPPORT ACTIVITIES - AR   |  |     |      |   |   |   |   |   |    |   |    |   |    |
|                                      |  |     | 4    |   | 0 |   | 0 |   | 0  |   | 0  |   | 0  |
| USMC FLEET SUPPORT ACTIVITIES - SMCR |  |     |      |   |   |   |   |   |    |   |    |   |    |
|                                      |  |     | 42   |   | 0 |   | 0 |   | 0  |   | 0  |   | 0  |

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| DESIG/<br>RATING     | PNEC/SNEC<br>PMOS/SMOS | PFYs |      | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------|------------------------|------|------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                      |                        | OFF  | ENL  | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| <b>GRAND TOTALS:</b> |                        |      |      |       |     |      |     |      |     |      |     |      |     |
| NAVY - USMC          |                        | 7    | 4    | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC - ACDU          |                        | 7    | 79   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC - SELRES        |                        | 2    | 1    | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC - USMC          |                        | 496  | 2997 | 0     | 0   | 1    | 0   | 4    | 12  | 6    | 24  | 0    | 18  |
| USMC - AR            |                        | 20   | 99   | 0     | 0   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| USMC - SMCR          |                        | 102  | 342  | 0     | 0   | 0    | 0   | 2    | 3   | 2    | 6   | 0    | 0   |

II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                             | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|--|---------|-----|------------------|---------------|---------------|
|  | OFF     | ENL |                  |               |               |
| OPERATIONAL ACTIVITIES - USMC                                |         |     |                  |               |               |
| HMLA-167 MCAS New River, 09868, FY03 Increment<br>USMC       | 0       | 1   | MGYSGT           | 6019          |               |
| ACTIVITY TOTAL:  | 0       | 1   |                  |               |               |
| HMLA-269 MCAS New River, 08998, FY03 Increment<br>USMC       | 0       | 1   | MGYSGT           | 6019          |               |
| ACTIVITY TOTAL:  | 0       | 1   |                  |               |               |
| HMLA-773 Det A NAS Willow Grove, 09415, FY03 Increment<br>AR | 1       | 0   | CAPT             | 7563          |               |
| ACTIVITY TOTAL:  | 1       | 0   |                  |               |               |
| HMLA-773 MCAS Marietta, 09431, FY03 Increment<br>USMC        | 0       | 1   | MGYSGT           | 6019          |               |
| AR   | 1       | 0   | CAPT             | 7563          |               |
|  | 0       | 1   | SSGT             | 0231          |               |
|  | 0       | 1   | SSGT             | 8421          |               |
|  | 0       | 1   | SSGT             | 8711          |               |
| ACTIVITY TOTAL:  | 1       | 4   |                  |               |               |
| HMLA-775 Det A MCAS Bell Chase, 09415, FY03 Increment<br>AR  | 2       | 0   | CAPT             | 7563          |               |
|  | 0       | 1   | CPL              | 6154          |               |
| ACTIVITY TOTAL:  | 2       | 1   |                  |               |               |
| HMLA-169 MCAS Camp Pendleton, 09202, FY03 Increment<br>USMC  | 0       | 1   | MGYSGT           | 6019          |               |
| ACTIVITY TOTAL:  | 0       | 1   |                  |               |               |
| HMLA-267 MCAS Camp Pendleton, 09159, FY03 Increment<br>USMC  | 0       | 1   | MGYSGT           | 6019          |               |
| ACTIVITY TOTAL:  | 0       | 1   |                  |               |               |
| HMLA-367 MCAS Camp Pendleton, 09079, FY03 Increment<br>USMC  | 0       | 1   | MGYSGT           | 6019          |               |
| ACTIVITY TOTAL:  | 0       | 1   |                  |               |               |



II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| ACTIVITY, UIC, PHASING INCREMENT                            | BILLETS |     | DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS |
|---|---------|-----|------------------|---------------|---------------|
|   | OFF     | ENL |                  |               |               |
| HMLA-369 MCAS Camp Pendleton, 09361, FY03 Increment<br>USMC | 0       | 1   | MGYSGT           | 6019          |               |
| ACTIVITY TOTAL:   | 0       | 1   |                  |               |               |
| HMLA-775 MCAS Camp Pendleton, 55257, FY03 Increment<br>USMC | 0       | 1   | MGYSGT           | 6019          |               |
| AR  | 2       | 0   | CAPT             | 7563          |               |
|   | 1       | 0   | CAPT             | 7565          |               |
|   | 0       | 1   | CPL              | 6114          |               |
|   | 0       | 1   | SSGT             | 8421          |               |
|   | 0       | 1   | SSGT             | 8711          |               |
| ACTIVITY TOTAL:   | 3       | 4   |                  |               |               |
| HMT-303 MCAS Camp Pendleton, 55176, FY02 Increment<br>USMC  | 1       | 0   | CWO2             | 6502          |               |
| HMT-303 MCAS Camp Pendleton, 55176, FY04 Increment<br>USMC  | 0       | 1   | LCPL             | 6531          |               |
| ACTIVITY TOTAL:   | 1       | 1   |                  |               |               |

II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

| DESIG/<br>RATING                   | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------------------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                    |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| USMC OPERATIONAL ACTIVITIES - USMC |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| CWO2                               | 6502                   | 1    |     | 0     |     | -1   |     | 0    |     | 0    |     | 0    |     |
| LCPL                               | 6531                   |      | 14  |       | 0   |      | 0   |      | 0   |      | -1  |      | 0   |
| MGYSGT                             | 6019                   |      | 8   |       | 0   |      | 0   |      | -8  |      | 0   |      | 0   |
| USMC OPERATIONAL ACTIVITIES - AR   |                        |      |     |       |     |      |     |      |     |      |     |      |     |
| CAPT                               | 7563                   | 7    |     | 0     |     | 0    |     | -6   |     | 0    |     | 0    |     |
| CAPT                               | 7565                   | 0    |     | 0     |     | 0    |     | -1   |     | 0    |     | 0    |     |
| CPL                                | 6114                   |      | 3   |       | 0   |      | 0   |      | -1  |      | 0   |      | 0   |
| CPL                                | 6154                   |      | 2   |       | 0   |      | 0   |      | -1  |      | 0   |      | 0   |
| SSGT                               | 0231                   |      | 1   |       | 0   |      | 0   |      | -1  |      | 0   |      | 0   |
| SSGT                               | 8421                   |      | 2   |       | 0   |      | 0   |      | -2  |      | 0   |      | 0   |
| SSGT                               | 8711                   |      | 2   |       | 0   |      | 0   |      | -2  |      | 0   |      | 0   |

**SUMMARY TOTALS:**

|                                    |  |   |    |   |   |    |   |    |    |   |    |   |   |
|------------------------------------|--|---|----|---|---|----|---|----|----|---|----|---|---|
| USMC OPERATIONAL ACTIVITIES - USMC |  |   |    |   |   |    |   |    |    |   |    |   |   |
|                                    |  | 1 | 22 | 0 | 0 | -1 | 0 | 0  | -8 | 0 | -1 | 0 | 0 |
| USMC OPERATIONAL ACTIVITIES - AR   |  |   |    |   |   |    |   |    |    |   |    |   |   |
|                                    |  | 7 | 10 | 0 | 0 | 0  | 0 | -7 | -7 | 0 | 0  | 0 | 0 |

**GRAND TOTALS:**

|             |  |   |    |   |   |    |   |    |    |   |    |   |   |
|-------------|--|---|----|---|---|----|---|----|----|---|----|---|---|
| USMC - USMC |  |   |    |   |   |    |   |    |    |   |    |   |   |
|             |  | 1 | 22 | 0 | 0 | -1 | 0 | 0  | -8 | 0 | -1 | 0 | 0 |
| USMC - AR   |  |   |    |   |   |    |   |    |    |   |    |   |   |
|             |  | 7 | 10 | 0 | 0 | 0  | 0 | -7 | -7 | 0 | 0  | 0 | 0 |

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

| DESIG<br>RATING | PNEC/SNEC<br>PMOS/SMOS |  | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-----------------|------------------------|--|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                 |                        |  | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |

TRAINING ACTIVITY, LOCATION, UIC: HMT-303 FREST, MCAS Camp Pendleton, 55176

**INSTRUCTOR BILLETS**

ACDU

|     |      |      |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|------|---|---|---|---|---|---|---|---|---|---|---|---|
| AD2 | 9502 | 8380 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AE2 | 9502 | 8215 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AM1 | 8215 | 9502 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AM2 | 9502 | 8215 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AM2 | 8215 | 9502 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AT2 | 9502 | 8215 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

USMC

|       |      |  |   |    |   |    |   |   |   |   |   |   |   |   |
|-------|------|--|---|----|---|----|---|---|---|---|---|---|---|---|
| CPL   | 6154 |  | 0 | 1  | 0 | 1  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CPL   | 6174 |  | 0 | 4  | 0 | 4  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CPL   | 6324 |  | 0 | 2  | 0 | 2  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CPL   | 6531 |  | 0 | 7  | 0 | 7  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GYSGT | 6114 |  | 0 | 1  | 0 | 1  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GYSGT | 6124 |  | 0 | 1  | 0 | 1  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GYSGT | 6174 |  | 0 | 2  | 0 | 2  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GYSGT | 6324 |  | 0 | 1  | 0 | 1  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GYSGT | 6531 |  | 0 | 1  | 0 | 1  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SGT   | 6114 |  | 0 | 21 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SGT   | 6124 |  | 0 | 1  | 0 | 1  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SGT   | 6174 |  | 0 | 3  | 0 | 3  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SGT   | 6324 |  | 0 | 13 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SGT   | 6433 |  | 0 | 2  | 0 | 2  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SSGT  | 6114 |  | 0 | 6  | 0 | 6  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SSGT  | 6154 |  | 0 | 4  | 0 | 4  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SSGT  | 6324 |  | 0 | 6  | 0 | 6  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SSGT  | 6434 |  | 0 | 6  | 0 | 6  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SSGT  | 6531 |  | 0 | 2  | 0 | 2  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**SUPPORT BILLETS**

USMC

|       |      |  |   |   |   |   |   |   |   |   |   |   |   |   |
|-------|------|--|---|---|---|---|---|---|---|---|---|---|---|---|
| CAPT  | 6502 |  | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CPL   | 4066 |  | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CPL   | 6042 |  | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CPL   | 6046 |  | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CPL   | 6672 |  | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CWO3  | 6004 |  | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CWO3  | 6302 |  | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GYSGT | 0193 |  | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GYSGT | 6124 |  | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GYSGT | 6324 |  | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LCPL  | 0121 |  | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LCPL  | 0151 |  | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

| DESIG<br>RATING | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-----------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                 |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| LCPL            | 4066                   | 0    | 1   | 0     | 1   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL            | 6042                   | 0    | 1   | 0     | 1   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL            | 6672                   | 0    | 1   | 0     | 1   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| LCPL            | 7041                   | 0    | 1   | 0     | 1   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| MSGT            | 6019                   | 0    | 1   | 0     | 1   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| MSGT            | 6591                   | 0    | 1   | 0     | 1   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT             | 6046                   | 0    | 1   | 0     | 1   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SGT             | 6114                   | 0    | 1   | 0     | 1   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT            | 6114                   | 0    | 2   | 0     | 2   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT            | 6324                   | 0    | 1   | 0     | 1   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| SSGT            | 6531                   | 0    | 1   | 0     | 1   | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| <b>TOTAL:</b>   |                        | 3    | 114 | 3     | 114 | 0    | 0   | 0    | 0   | 0    | 0   | 0    | 0   |

**TRAINING ACTIVITY, LOCATION, UIC:** HMT-303 FRS, MCAS Camp Pendleton, 55176

**INSTRUCTOR BILLETS**

|               |      |      |    |   |    |   |    |    |    |    |    |    |    |
|---------------|------|------|----|---|----|---|----|----|----|----|----|----|----|
| ACDU          |      |      |    |   |    |   |    |    |    |    |    |    |    |
| AD2           | 9502 | 0    | 0  | 0 | 0  | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  |
| AE2           | 9502 | 0    | 0  | 0 | 0  | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  |
| AE2           | 9502 | 8215 | 0  | 0 | 0  | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  |
| AM1           | 8215 | 9502 | 0  | 0 | 0  | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  |
| AM2           | 9502 |      | 0  | 0 | 0  | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  |
| AM2           | 8215 | 9502 | 0  | 0 | 0  | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  |
| AT2           | 9502 |      | 0  | 0 | 0  | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  |
| AT2           | 9502 | 8215 | 0  | 0 | 0  | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  |
| LCDR          | 1310 |      | 1  | 0 | 1  | 0 | 1  | 0  | 1  | 0  | 1  | 0  | 1  |
| LT            | 1310 |      | 6  | 0 | 6  | 0 | 6  | 0  | 6  | 0  | 6  | 0  | 6  |
| USMC          |      |      |    |   |    |   |    |    |    |    |    |    |    |
| CAPT          | 7563 |      | 10 | 0 | 10 | 0 | 10 | 0  | 10 | 0  | 10 | 0  | 10 |
| CAPT          | 7565 |      | 19 | 0 | 19 | 0 | 19 | 0  | 19 | 0  | 19 | 0  | 19 |
| CPL           | 6174 |      | 0  | 0 | 0  | 0 | 4  | 0  | 4  | 0  | 4  | 0  | 4  |
| GYSGT         | 6174 |      | 0  | 0 | 0  | 0 | 2  | 0  | 2  | 0  | 2  | 0  | 2  |
| MAJ           | 7563 |      | 3  | 0 | 3  | 0 | 3  | 0  | 3  | 0  | 3  | 0  | 3  |
| MAJ           | 7565 |      | 5  | 0 | 5  | 0 | 5  | 0  | 5  | 0  | 5  | 0  | 5  |
| SGT           | 6174 |      | 0  | 0 | 0  | 0 | 3  | 0  | 3  | 0  | 3  | 0  | 3  |
| <b>TOTAL:</b> |      |      | 44 | 0 | 44 | 0 | 44 | 17 | 44 | 17 | 44 | 17 | 44 |

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

| DESIG<br>RATING | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-----------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                 |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |

TRAINING ACTIVITY, LOCATION, UIC: MATSG-21, Pensacola, 67412

**INSTRUCTOR BILLETS**

USMC

|       |      |      |   |   |   |   |   |   |   |   |   |   |   |   |
|-------|------|------|---|---|---|---|---|---|---|---|---|---|---|---|
| GYSGT | 6048 |      | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| GYSGT | 6092 | 6033 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| GYSGT | 6324 |      | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 |
| GYSGT | 6531 |      | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| GYSGT | 6541 |      | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| SGT   | 6048 |      | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |
| SGT   | 6092 | 6033 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| SGT   | 6412 |      | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| SGT   | 6413 |      | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| SGT   | 6433 |      | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| SGT   | 6531 |      | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 5 |
| SGT   | 6541 |      | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| SSGT  | 6048 |      | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 |
| SSGT  | 6092 | 6033 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| SSGT  | 6124 |      | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| SSGT  | 6154 |      | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| SSGT  | 6531 |      | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |
| SSGT  | 6541 |      | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |

**SUPPORT BILLETS**

USMC

|       |      |  |   |   |   |   |   |   |   |   |   |   |   |   |
|-------|------|--|---|---|---|---|---|---|---|---|---|---|---|---|
| CPL   | 6154 |  | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| GYSGT | 6048 |  | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| LCPL  | 6413 |  | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| SSGT  | 6114 |  | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| SSGT  | 6541 |  | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |

SMCR

|       |      |  |   |   |   |   |   |   |   |   |   |   |   |   |
|-------|------|--|---|---|---|---|---|---|---|---|---|---|---|---|
| GYSGT | 6114 |  | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| SSGT  | 6114 |  | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |

|               |  |  |   |    |   |    |   |    |   |    |   |    |   |    |
|---------------|--|--|---|----|---|----|---|----|---|----|---|----|---|----|
| <b>TOTAL:</b> |  |  | 0 | 48 | 0 | 48 | 0 | 48 | 0 | 48 | 0 | 48 | 0 | 48 |
|---------------|--|--|---|----|---|----|---|----|---|----|---|----|---|----|

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

| DESIG<br>RATING | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-----------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                 |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |

TRAINING ACTIVITY, LOCATION, UIC: MTU 1067 NAMTRAU, NAS North Island, 66065

**INSTRUCTOR BILLETS**

|               |      |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------|------|---|---|---|---|---|---|---|---|---|---|---|---|
| USMC          |      |   |   |   |   |   |   |   |   |   |   |   |   |
| SGT           | 6124 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| SSGT          | 6062 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| <b>TOTAL:</b> |      | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

| DESIG RATING | PNEC/SNEC PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|--------------|---------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|              |                     | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |

TRAINING ACTIVITY, LOCATION, UIC: NAMTRA MARUNIT, MCAS Camp Pendleton, 55176

**INSTRUCTOR BILLETS**

USMC

|       |      |   |   |   |   |   |    |   |    |   |    |   |    |
|-------|------|---|---|---|---|---|----|---|----|---|----|---|----|
| CPL   | 6154 | 0 | 0 | 0 | 0 | 0 | 1  | 0 | 1  | 0 | 1  | 0 | 1  |
| CPL   | 6531 | 0 | 0 | 0 | 0 | 0 | 4  | 0 | 4  | 0 | 4  | 0 | 4  |
| GYSGT | 6114 | 0 | 0 | 0 | 0 | 0 | 1  | 0 | 1  | 0 | 1  | 0 | 1  |
| GYSGT | 6124 | 0 | 0 | 0 | 0 | 0 | 2  | 0 | 2  | 0 | 2  | 0 | 2  |
| GYSGT | 6324 | 0 | 0 | 0 | 0 | 0 | 1  | 0 | 1  | 0 | 1  | 0 | 1  |
| GYSGT | 6531 | 0 | 0 | 0 | 0 | 0 | 1  | 0 | 1  | 0 | 1  | 0 | 1  |
| SGT   | 6114 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 18 | 0 | 18 | 0 | 18 |
| SGT   | 6124 | 0 | 0 | 0 | 0 | 0 | 1  | 0 | 1  | 0 | 1  | 0 | 1  |
| SGT   | 6324 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 12 | 0 | 12 | 0 | 12 |
| SGT   | 6433 | 0 | 0 | 0 | 0 | 0 | 2  | 0 | 2  | 0 | 2  | 0 | 2  |
| SSGT  | 6114 | 0 | 0 | 0 | 0 | 0 | 2  | 0 | 2  | 0 | 2  | 0 | 2  |
| SSGT  | 6154 | 0 | 0 | 0 | 0 | 0 | 4  | 0 | 4  | 0 | 4  | 0 | 4  |
| SSGT  | 6324 | 0 | 0 | 0 | 0 | 0 | 3  | 0 | 3  | 0 | 3  | 0 | 3  |
| SSGT  | 6434 | 0 | 0 | 0 | 0 | 0 | 6  | 0 | 6  | 0 | 6  | 0 | 6  |
| SSGT  | 6531 | 0 | 0 | 0 | 0 | 0 | 2  | 0 | 2  | 0 | 2  | 0 | 2  |

**SUPPORT BILLETS**

USMC

|       |      |   |   |   |   |   |   |   |   |   |   |   |   |
|-------|------|---|---|---|---|---|---|---|---|---|---|---|---|
| CAPT  | 6502 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| CPL   | 4066 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| CPL   | 6042 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| CPL   | 6046 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| CWO3  | 6004 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| CWO3  | 6302 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| GYSGT | 0193 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| GYSGT | 6324 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| LCPL  | 0121 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |
| LCPL  | 0151 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| LCPL  | 4066 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| LCPL  | 6042 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| LCPL  | 6672 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| LCPL  | 7041 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| MAJ   | 6002 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| MSGT  | 6019 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| MSGT  | 6591 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| SGT   | 6046 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| SGT   | 6114 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| SGT   | 6531 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
| SSGT  | 6114 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 |
| SSGT  | 6324 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |
| SSGT  | 6672 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |

**II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS**

| DESIG<br>RATING | PNEC/SNEC<br>PMOS/SMOS | PFYs |     | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-----------------|------------------------|------|-----|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                 |                        | OFF  | ENL | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| <b>TOTAL:</b>   |                        | 0    | 0   | 0     | 0   | 4    | 90  | 4    | 90  | 4    | 90  | 4    | 90  |

**TRAINING ACTIVITY, LOCATION, UIC:** NTTU, Keesler AFB, 32861

**INSTRUCTOR BILLETS**

|               |      |   |    |   |    |   |    |   |    |   |    |   |    |
|---------------|------|---|----|---|----|---|----|---|----|---|----|---|----|
| USMC          |      |   |    |   |    |   |    |   |    |   |    |   |    |
| GYSGT         | 6492 | 0 | 4  | 0 | 4  | 0 | 4  | 0 | 4  | 0 | 4  | 0 | 4  |
| SGT           | 6492 | 0 | 5  | 0 | 5  | 0 | 5  | 0 | 5  | 0 | 5  | 0 | 5  |
| SSGT          | 6492 | 0 | 8  | 0 | 8  | 0 | 8  | 0 | 8  | 0 | 8  | 0 | 8  |
| <b>TOTAL:</b> |      | 0 | 17 | 0 | 17 | 0 | 17 | 0 | 17 | 0 | 17 | 0 | 17 |

**II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS**

| ACTIVITY,<br>LOCATION, UIC                          | USN/<br>USMC | PFYs |       | CFY01 |       | FY02 |       | FY03 |       | FY04 |       | FY05 |       |
|---|--------------|------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|
|   |              | OFF  | ENL   | OFF   | ENL   | OFF  | ENL   | OFF  | ENL   | OFF  | ENL   | OFF  | ENL   |
| MTU 1039 NAMTRAU, NAS Oceana, 66045                 | USMC         |      | 1.6   |       | 1.6   |      | 1.6   |      | 1.6   |      | 1.6   |      | 1.6   |
| MTU 3001 (FREST) VMAT-203, MCAS Cherry Point, 45483 | USMC         |      | 3.9   |       | 3.9   |      | 0.0   |      | 0.0   |      | 0.0   |      | 0.0   |
| MTU 3001 NAMTRA MARUNIT, MCAS Cherry Point, 45483   | USMC         |      | 0.0   |       | 0.0   |      | 3.9   |      | 3.9   |      | 3.9   |      | 3.9   |
| MTU 4034 (FREST) VMAT 203, MCAS Cherry Point, 45483 | USMC         |      | 7.1   |       | 7.1   |      | 0.0   |      | 0.0   |      | 0.0   |      | 0.0   |
| MTU 4034 NAMTRA MARUNIT, MCAS Cherry Point, 45483   | USMC         |      | 0.0   |       | 0.0   |      | 7.1   |      | 7.1   |      | 7.1   |      | 7.1   |
| HMT-303 FREST, MCAS Camp Pendleton, 55176           | USMC         |      | 112.6 |       | 109.6 |      | 0.0   |      | 0.0   |      | 0.0   |      | 0.0   |
| HMT-303 FRS, MCAS Camp Pendleton, 55176             | USMC         | 36.0 | 0.0   | 36.0  | 0.0   | 36.4 | 19.9  | 36.5 | 18.4  | 36.7 | 18.4  | 35.8 | 18.4  |
| MTU 1038 NAMTRAU, NAS Lemoore, 66060                | USMC         |      | 1.9   |       | 1.9   |      | 1.9   |      | 1.9   |      | 1.9   |      | 1.9   |
| NAMTRA MARUNIT, MCAS Camp Pendleton, 55176          | USMC         |      | 0.0   |       | 0.0   |      | 101.9 |      | 94.7  |      | 97.4  |      | 97.2  |
| <b>SUMMARY TOTALS:</b>                              |              |      |       |       |       |      |       |      |       |      |       |      |       |
|   | USMC         | 36.0 | 127.1 | 36.0  | 124.1 | 36.4 | 136.3 | 36.5 | 127.6 | 36.7 | 130.3 | 35.8 | 130.1 |
| <b>GRAND TOTALS:</b>                                |              |      |       |       |       |      |       |      |       |      |       |      |       |
|   |              | 36.0 | 127.1 | 36.0  | 124.1 | 36.4 | 136.3 | 36.5 | 127.6 | 36.7 | 130.3 | 35.8 | 130.1 |

**II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS**

| DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS | BILLET<br>BASE | CFY01<br>+/- CUM | FY02<br>+/- CUM | FY03<br>+/- CUM | FY04<br>+/- CUM | FY05<br>+/- CUM |
|------------------|---------------|---------------|----------------|------------------|-----------------|-----------------|-----------------|-----------------|
|------------------|---------------|---------------|----------------|------------------|-----------------|-----------------|-----------------|-----------------|

**a. OFFICER - USN**

Operational Billets ACDU and TAR

|    |      |  |   |   |   |   |   |   |   |   |   |   |   |
|----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| LT | 2102 |  | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 |
|----|------|--|---|---|---|---|---|---|---|---|---|---|---|

Staff Billets ACDU and TAR

|      |      |  |   |   |   |   |   |   |   |   |   |   |   |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|
| LCDR | 1310 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|

|    |      |  |   |   |   |   |   |   |   |   |   |   |   |
|----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| LT | 1310 |  | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 6 |
|----|------|--|---|---|---|---|---|---|---|---|---|---|---|

SELRES Billets

|    |      |  |   |   |   |   |   |   |   |   |   |   |   |
|----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| LT | 2100 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
|----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|    |      |  |   |   |   |   |   |   |   |   |   |   |   |
|----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| LT | 2102 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
|----|------|--|---|---|---|---|---|---|---|---|---|---|---|

**TOTAL USN OFFICER BILLETS:**

|             |  |  |   |   |   |   |   |   |   |   |   |   |   |
|-------------|--|--|---|---|---|---|---|---|---|---|---|---|---|
| Operational |  |  | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 |
|-------------|--|--|---|---|---|---|---|---|---|---|---|---|---|

|       |  |  |   |   |   |   |   |   |   |   |   |   |   |
|-------|--|--|---|---|---|---|---|---|---|---|---|---|---|
| Staff |  |  | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 |
|-------|--|--|---|---|---|---|---|---|---|---|---|---|---|

|        |  |  |   |   |   |   |   |   |   |   |   |   |   |
|--------|--|--|---|---|---|---|---|---|---|---|---|---|---|
| SELRES |  |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|--------|--|--|---|---|---|---|---|---|---|---|---|---|---|

**b. ENLISTED - USN**

Operational Billets ACDU and TAR

|      |      |  |   |   |   |   |   |   |   |   |   |   |   |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|
| ADCS | 0000 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AD1 | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AD2 | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AD3 | 8380 |  | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|      |      |  |   |   |   |   |   |   |   |   |   |   |   |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|
| ADAN | 8380 |  | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AE1 | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AE2 | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AE3 | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|      |      |  |   |   |   |   |   |   |   |   |   |   |   |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AEAN | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AMC | 0000 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AM1 | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AM2 | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AM3 | 8380 |  | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|      |      |  |   |   |   |   |   |   |   |   |   |   |   |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AMAN | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AT1 | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AT2 | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AT3 | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

|      |      |  |   |   |   |   |   |   |   |   |   |   |   |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|
| ATAN | 8380 |  | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AZ2 | 0000 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

**II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS**

| DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS | BILLET<br>BASE | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                  |               |               |                | +/-   | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM |
| HM1              | 8404          |               | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| HM2              | 8406          |               | 23             | 0     | 23  | 0    | 23  | 0    | 23  | 0    | 23  | 0    | 23  |
| HM3              | 8404          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| PN2              | 0000          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| PR3              | 0000          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| PRAN             | 0000          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| YN1              | 0000          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |

**Fleet Support Billets ACDU and TAR**

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| AD1 | 6417 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AD2 | 6417 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AK2 | 0000 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AM2 | 7232 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AM3 | 7212 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |

**Staff Billets ACDU and TAR**

|     |      |      |   |   |   |    |   |   |   |   |   |   |   |
|-----|------|------|---|---|---|----|---|---|---|---|---|---|---|
| AD2 | 9502 |      | 0 | 0 | 0 | 1  | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AD2 | 9502 | 8380 | 1 | 0 | 1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AE2 | 9502 |      | 0 | 0 | 0 | 1  | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AE2 | 9502 | 8215 | 1 | 0 | 1 | 0  | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AM1 | 8215 | 9502 | 1 | 0 | 1 | 0  | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AM2 | 9502 |      | 0 | 0 | 0 | 1  | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AM2 | 9502 | 8215 | 1 | 0 | 1 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AM2 | 8215 | 9502 | 1 | 0 | 1 | 0  | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AT2 | 9502 |      | 0 | 0 | 0 | 1  | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| AT2 | 9502 | 8215 | 1 | 0 | 1 | 0  | 1 | 0 | 1 | 0 | 1 | 0 | 1 |

**SELRES Billets**

|     |      |  |   |   |   |   |   |   |   |   |   |   |   |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|
| HM1 | 8404 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
|-----|------|--|---|---|---|---|---|---|---|---|---|---|---|

**TOTAL USN ENLISTED BILLETS:**

|               |  |  |    |   |    |   |    |   |    |   |    |   |    |
|---------------|--|--|----|---|----|---|----|---|----|---|----|---|----|
| Operational   |  |  | 74 | 0 | 74 | 0 | 74 | 0 | 74 | 0 | 74 | 0 | 74 |
| Fleet Support |  |  | 5  | 0 | 5  | 0 | 5  | 0 | 5  | 0 | 5  | 0 | 5  |
| Staff         |  |  | 6  | 0 | 6  | 2 | 8  | 0 | 8  | 0 | 8  | 0 | 8  |
| SELRES        |  |  | 1  | 0 | 1  | 0 | 1  | 0 | 1  | 0 | 1  | 0 | 1  |

**c. OFFICER - USMC**

**Operational Billets USMC and AR**

|      |      |  |   |   |   |   |   |   |   |   |   |   |   |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|
| CAPT | 6002 |  | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
|------|------|--|---|---|---|---|---|---|---|---|---|---|---|

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

| DESIG/<br>RATING                  | PNEC/<br>PMOS | SNEC/<br>SMOS | BILLET<br>BASE | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-----------------------------------|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                   |               |               |                | +/-   | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM |
| CAPT                              | 6004          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CAPT                              | 7563          |               | 72             | 0     | 72  | 0    | 72  | -3   | 69  | 0    | 69  | 0    | 69  |
| CAPT                              | 7563          | 7577          | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| CAPT                              | 7565          |               | 134            | 0     | 134 | 0    | 134 | 0    | 134 | 6    | 140 | 0    | 140 |
| CAPT                              | 7565          | 7577          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CWO2                              | 0170          |               | 9              | 0     | 9   | 0    | 9   | 0    | 9   | 0    | 9   | 0    | 9   |
| CWO2                              | 6302          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| CWO2                              | 6502          |               | 9              | 0     | 9   | -1   | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| CWO3                              | 6004          |               | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| CWO3                              | 6502          |               | 0              | 0     | 0   | 1    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CWO5                              | 6302          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LT                                | 6602          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| LT                                | 7563          |               | 54             | 0     | 54  | 0    | 54  | 0    | 54  | 0    | 54  | 0    | 54  |
| LT                                | 7565          |               | 90             | 0     | 90  | 0    | 90  | 0    | 90  | 0    | 90  | 0    | 90  |
| LTCOL                             | 7563          |               | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| LTCOL                             | 7565          |               | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| MAJ                               | 7563          |               | 21             | 0     | 21  | 0    | 21  | 0    | 21  | 0    | 21  | 0    | 21  |
| MAJ                               | 7565          |               | 46             | 0     | 46  | 0    | 46  | 0    | 46  | 0    | 46  | 0    | 46  |
| MAJ                               | 9958          | 7563          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| Fleet Support Billets USMC and AR |               |               |                |       |     |      |     |      |     |      |     |      |     |
| CAPT                              | 7563          |               | 9              | 0     | 9   | 0    | 9   | 0    | 9   | 0    | 9   | 0    | 9   |
| CAPT                              | 7563          | 7595          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CAPT                              | 7565          |               | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| CAPT                              | 7565          | 7577          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CAPT                              | 7595          | 7595          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CAPT                              | 7596          | 7563          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CAPT                              | 9957          | 7563          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CAPT                              | 9957          | 7565          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LTCOL                             | 7565          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| LTCOL                             | 9957          | 7565          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LTCOL                             | 9958          | 7563          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LTCOL                             | 9958          | 7565          | 5              | 0     | 5   | 0    | 5   | 0    | 5   | 0    | 5   | 0    | 5   |
| MAJ                               | 7563          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| MAJ                               | 7565          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| MAJ                               | 7565          | 7557          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| MAJ                               | 7565          | 7595          | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| MAJ                               | 7565          | 9960          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| MAJ                               | 9958          | 7565          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| Staff Billets USMC and AR         |               |               |                |       |     |      |     |      |     |      |     |      |     |
| CAPT                              | 6502          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CAPT                              | 7563          |               | 10             | 0     | 10  | 0    | 10  | 0    | 10  | 0    | 10  | 0    | 10  |
| CAPT                              | 7565          |               | 19             | 0     | 19  | 0    | 19  | 0    | 19  | 0    | 19  | 0    | 19  |
| CWO3                              | 6004          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CWO3                              | 6302          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| MAJ                               | 6002          |               | 0              | 0     | 0   | 1    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| MAJ                               | 7563          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |

**II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS**

| DESIG/<br>RATING                       | PNEC/<br>PMOS | SNEC/<br>SMOS | BILLET<br>BASE | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|--|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|  |               |               |                | +/-   | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM |
| MAJ                                    | 7565          |               | 5              | 0     | 5   | 0    | 5   | 0    | 5   | 0    | 5   | 0    | 5   |
| Chargeable Student Billets USMC and AR |               |               | 36             | 0     | 36  | 0    | 36  | 1    | 37  | 0    | 37  | -1   | 36  |
| SMCR Billets                           |               |               |                |       |     |      |     |      |     |      |     |      |     |
| CAPT                                   | 7563          |               | 7              | 0     | 7   | 0    | 7   | 2    | 9   | 0    | 9   | 0    | 9   |
| CAPT                                   | 7563          | 7577          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CAPT                                   | 7565          |               | 28             | 0     | 28  | 0    | 28  | 0    | 28  | 2    | 30  | 0    | 30  |
| CWO2                                   | 6302          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LT                                     | 7563          |               | 12             | 0     | 12  | 0    | 12  | 0    | 12  | 0    | 12  | 0    | 12  |
| LT                                     | 7565          |               | 36             | 0     | 36  | 0    | 36  | 0    | 36  | 0    | 36  | 0    | 36  |
| LTCOL                                  | 7563          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LTCOL                                  | 7565          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| MAJ                                    | 7563          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| MAJ                                    | 7565          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |

**TOTAL USMC OFFICER BILLETS:**

|                    |  |  |     |   |     |   |     |    |     |   |     |    |     |
|--------------------|--|--|-----|---|-----|---|-----|----|-----|---|-----|----|-----|
| Operational        |  |  | 481 | 0 | 481 | 0 | 481 | -3 | 478 | 6 | 484 | 0  | 484 |
| Fleet Support      |  |  | 42  | 0 | 42  | 0 | 42  | 0  | 42  | 0 | 42  | 0  | 42  |
| Staff              |  |  | 40  | 0 | 40  | 1 | 41  | 0  | 41  | 0 | 41  | 0  | 41  |
| Chargeable Student |  |  | 36  | 0 | 36  | 0 | 36  | 1  | 37  | 0 | 37  | -1 | 36  |
| SMCR               |  |  | 102 | 0 | 102 | 0 | 102 | 2  | 104 | 2 | 106 | 0  | 106 |

**d. ENLISTED - USMC**

Operational Billets USMC and AR

|     |      |      |     |   |     |   |     |    |     |    |     |   |     |
|-----|------|------|-----|---|-----|---|-----|----|-----|----|-----|---|-----|
| CPL | 0121 |      | 26  | 0 | 26  | 0 | 26  | 0  | 26  | 0  | 26  | 0 | 26  |
| CPL | 0151 |      | 11  | 0 | 11  | 0 | 11  | 0  | 11  | 0  | 11  | 0 | 11  |
| CPL | 0431 |      | 1   | 0 | 1   | 0 | 1   | 0  | 1   | 0  | 1   | 0 | 1   |
| CPL | 6034 | 6154 | 2   | 0 | 2   | 0 | 2   | 0  | 2   | 0  | 2   | 0 | 2   |
| CPL | 6042 |      | 8   | 0 | 8   | 0 | 8   | 0  | 8   | 0  | 8   | 0 | 8   |
| CPL | 6046 |      | 45  | 0 | 45  | 0 | 45  | 0  | 45  | 0  | 45  | 0 | 45  |
| CPL | 6048 |      | 24  | 0 | 24  | 0 | 24  | 0  | 24  | 0  | 24  | 0 | 24  |
| CPL | 6073 |      | 21  | 0 | 21  | 0 | 21  | 0  | 21  | 0  | 21  | 0 | 21  |
| CPL | 6114 |      | 121 | 0 | 121 | 0 | 121 | -1 | 120 | 0  | 120 | 0 | 120 |
| CPL | 6154 |      | 113 | 0 | 113 | 0 | 113 | -1 | 112 | 15 | 127 | 6 | 133 |
| CPL | 6174 |      | 54  | 0 | 54  | 0 | 54  | 0  | 54  | 0  | 54  | 0 | 54  |

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

| DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS | BILLET<br>BASE | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                  |               |               |                | +/-   | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM |
| CPL              | 6324          |               | 136            | 0     | 136 | 0    | 136 | 0    | 136 | 6    | 142 | 6    | 148 |
| CPL              | 6531          |               | 74             | 0     | 74  | 0    | 74  | 0    | 74  | 3    | 77  | 0    | 77  |
| CPL              | 7041          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| GYSGT            | 0193          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| GYSGT            | 6114          |               | 46             | 0     | 46  | 0    | 46  | 0    | 46  | 0    | 46  | 0    | 46  |
| GYSGT            | 6124          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| GYSGT            | 6154          |               | 39             | 0     | 39  | 0    | 39  | 0    | 39  | 0    | 39  | 0    | 39  |
| GYSGT            | 6154          | 9954          | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| GYSGT            | 6174          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| GYSGT            | 6324          |               | 26             | 0     | 26  | 0    | 26  | 0    | 26  | 0    | 26  | 0    | 26  |
| GYSGT            | 6531          |               | 31             | 0     | 31  | 0    | 31  | 0    | 31  | 0    | 31  | 0    | 31  |
| LCPL             | 0121          |               | 26             | 0     | 26  | 0    | 26  | 0    | 26  | 0    | 26  | 0    | 26  |
| LCPL             | 0151          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| LCPL             | 2111          |               | 9              | 0     | 9   | 0    | 9   | 0    | 9   | 0    | 9   | 0    | 9   |
| LCPL             | 0231          |               | 18             | 0     | 18  | 0    | 18  | 0    | 18  | 0    | 18  | 0    | 18  |
| LCPL             | 0431          |               | 28             | 0     | 28  | 0    | 28  | 0    | 28  | 0    | 28  | 0    | 28  |
| LCPL             | 5711          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL             | 6042          |               | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| LCPL             | 6046          |               | 21             | 0     | 21  | 0    | 21  | 0    | 21  | 0    | 21  | 0    | 21  |
| LCPL             | 6072          |               | 24             | 0     | 24  | 0    | 24  | 0    | 24  | 0    | 24  | 0    | 24  |
| LCPL             | 6114          |               | 247            | 0     | 247 | 0    | 247 | 0    | 247 | 0    | 247 | 0    | 247 |
| LCPL             | 6124          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL             | 6154          |               | 193            | 0     | 193 | 0    | 193 | 0    | 193 | 0    | 193 | 6    | 199 |
| LCPL             | 6174          |               | 51             | 0     | 51  | 0    | 51  | 0    | 51  | 0    | 51  | 0    | 51  |
| LCPL             | 6324          |               | 141            | 0     | 141 | 0    | 141 | 0    | 141 | 0    | 141 | 0    | 141 |
| LCPL             | 6531          |               | 96             | 0     | 96  | 0    | 96  | 0    | 96  | -1   | 95  | 0    | 95  |
| LCPL             | 7041          |               | 26             | 0     | 26  | 0    | 26  | 0    | 26  | 0    | 26  | 0    | 26  |
| MGYSGT           | 6019          |               | 9              | 0     | 9   | 0    | 9   | -8   | 1   | 0    | 1   | 0    | 1   |
| MGYSGT           | 6391          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| MSGT             | 0193          |               | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| MSGT             | 6019          |               | 1              | 0     | 1   | 0    | 1   | 8    | 9   | 0    | 9   | 0    | 9   |
| MSGT             | 6391          |               | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| SGT              | 0151          |               | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| SGT              | 0431          |               | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| SGT              | 6046          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SGT              | 6048          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SGT              | 6072          |               | 21             | 0     | 21  | 0    | 21  | 0    | 21  | 0    | 21  | 0    | 21  |
| SGT              | 6114          |               | 91             | 0     | 91  | 0    | 91  | 0    | 91  | 0    | 91  | 0    | 91  |
| SGT              | 6154          |               | 91             | 0     | 91  | 0    | 91  | 0    | 91  | 0    | 91  | 0    | 91  |
| SGT              | 6174          |               | 26             | 0     | 26  | 0    | 26  | 0    | 26  | 0    | 26  | 0    | 26  |
| SGT              | 6177          | 6174          | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| SGT              | 6324          |               | 92             | 0     | 92  | 0    | 92  | 0    | 92  | 0    | 92  | 0    | 92  |
| SGT              | 6531          |               | 47             | 0     | 47  | 0    | 47  | 0    | 47  | 0    | 47  | 0    | 47  |
| SGTMAJ           | 9999          |               | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| SSGT             | 0193          |               | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| SSGT             | 0231          |               | 8              | 0     | 8   | 0    | 8   | -1   | 7   | 0    | 7   | 0    | 7   |
| SSGT             | 6046          |               | 32             | 0     | 32  | 0    | 32  | 0    | 32  | 0    | 32  | 0    | 32  |
| SSGT             | 6048          |               | 25             | 0     | 25  | 0    | 25  | 0    | 25  | 0    | 25  | 0    | 25  |

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

| DESIG/<br>RATING                  | PNEC/<br>PMOS | SNEC/<br>SMOS | BILLET<br>BASE | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-----------------------------------|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                   |               |               |                | +/-   | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM |
| SSGT                              | 6114          |               | 70             | 0     | 70  | 0    | 70  | 0    | 70  | 0    | 70  | 0    | 70  |
| SSGT                              | 6154          |               | 30             | 0     | 30  | 0    | 30  | 0    | 30  | 0    | 30  | 0    | 30  |
| SSGT                              | 6174          |               | 24             | 0     | 24  | 0    | 24  | 0    | 24  | 0    | 24  | 0    | 24  |
| SSGT                              | 6324          |               | 46             | 0     | 46  | 0    | 46  | 0    | 46  | 0    | 46  | 0    | 46  |
| SSGT                              | 6531          |               | 24             | 0     | 24  | 0    | 24  | 0    | 24  | 0    | 24  | 0    | 24  |
| SSGT                              | 7041          |               | 9              | 0     | 9   | 0    | 9   | 0    | 9   | 0    | 9   | 0    | 9   |
| SSGT                              | 8421          |               | 9              | 0     | 9   | 0    | 9   | 0    | 9   | 0    | 9   | 0    | 9   |
| SSGT                              | 8711          |               | 9              | 0     | 9   | 0    | 9   | 0    | 9   | 0    | 9   | 0    | 9   |
| Fleet Support Billets USMC and AR |               |               |                |       |     |      |     |      |     |      |     |      |     |
| CPL                               | 6043          | 6092          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                               | 6048          |               | 21             | 0     | 21  | 0    | 21  | 0    | 21  | 0    | 21  | 0    | 21  |
| CPL                               | 6062          |               | 21             | 0     | 21  | 0    | 21  | 0    | 21  | 0    | 21  | 0    | 21  |
| CPL                               | 6073          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                               | 6114          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| CPL                               | 6124          |               | 32             | 0     | 32  | 0    | 32  | 0    | 32  | 0    | 32  | 0    | 32  |
| CPL                               | 6124          | 6023          | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| CPL                               | 6132          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                               | 6154          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| CPL                               | 6174          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                               | 6324          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                               | 6413          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| CPL                               | 6423          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| CPL                               | 6433          |               | 22             | 0     | 22  | 0    | 22  | 0    | 22  | 0    | 22  | 0    | 22  |
| CPL                               | 6483          |               | 21             | 0     | 21  | 0    | 21  | 0    | 21  | 0    | 21  | 0    | 21  |
| CPL                               | 6492          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| CPL                               | 6541          |               | 40             | 0     | 40  | 0    | 40  | 0    | 40  | 0    | 40  | 0    | 40  |
| GYSGT                             | 6114          |               | 5              | 0     | 5   | 0    | 5   | 0    | 5   | 0    | 5   | 0    | 5   |
| GYSGT                             | 6114          | 9960          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| GYSGT                             | 6124          |               | 5              | 0     | 5   | 0    | 5   | 0    | 5   | 0    | 5   | 0    | 5   |
| GYSGT                             | 6174          |               | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| GYSGT                             | 6324          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| LCPL                              | 6043          | 6092          | 38             | 0     | 38  | 0    | 38  | 0    | 38  | 0    | 38  | 0    | 38  |
| LCPL                              | 6048          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL                              | 6062          |               | 20             | 0     | 20  | 0    | 20  | 0    | 20  | 0    | 20  | 0    | 20  |
| LCPL                              | 6072          |               | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| LCPL                              | 6073          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL                              | 6092          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL                              | 6114          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| LCPL                              | 6124          |               | 23             | 0     | 23  | 0    | 23  | 0    | 23  | 0    | 23  | 0    | 23  |
| LCPL                              | 6132          |               | 21             | 0     | 21  | 0    | 21  | 0    | 21  | 0    | 21  | 0    | 21  |
| LCPL                              | 6154          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL                              | 6174          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| LCPL                              | 6324          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL                              | 6412          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| LCPL                              | 6413          |               | 22             | 0     | 22  | 0    | 22  | 0    | 22  | 0    | 22  | 0    | 22  |
| LCPL                              | 6422          |               | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| LCPL                              | 6422          | 6412          | 13             | 0     | 13  | 0    | 13  | 0    | 13  | 0    | 13  | 0    | 13  |

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

| DESIG/<br>RATING          | PNEC/<br>PMOS | SNEC/<br>SMOS | BILLET<br>BASE | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|---------------------------|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                           |               |               |                | +/-   | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM |
| LCPL                      | 6433          |               | 18             | 0     | 18  | 0    | 18  | 0    | 18  | 0    | 18  | 0    | 18  |
| LCPL                      | 6483          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| LCPL                      | 6492          |               | 40             | 0     | 40  | 0    | 40  | 0    | 40  | 0    | 40  | 0    | 40  |
| LCPL                      | 6541          |               | 61             | 0     | 61  | 0    | 61  | 0    | 61  | 0    | 61  | 0    | 61  |
| LCPL                      | 6672          |               | 20             | 0     | 20  | 0    | 20  | 0    | 20  | 0    | 20  | 0    | 20  |
| SGT                       | 6062          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT                       | 6072          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| SGT                       | 6092          | 6033          | 21             | 0     | 21  | 0    | 21  | 0    | 21  | 0    | 21  | 0    | 21  |
| SGT                       | 6114          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT                       | 6124          |               | 28             | 0     | 28  | 0    | 28  | 0    | 28  | 0    | 28  | 0    | 28  |
| SGT                       | 6124          | 6023          | 5              | 0     | 5   | 0    | 5   | 0    | 5   | 0    | 5   | 0    | 5   |
| SGT                       | 6154          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT                       | 6174          |               | 5              | 0     | 5   | 0    | 5   | 0    | 5   | 0    | 5   | 0    | 5   |
| SGT                       | 6324          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT                       | 6413          |               | 20             | 0     | 20  | 0    | 20  | 0    | 20  | 0    | 20  | 0    | 20  |
| SGT                       | 6433          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT                       | 6483          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT                       | 6492          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT                       | 6541          |               | 23             | 0     | 23  | 0    | 23  | 0    | 23  | 0    | 23  | 0    | 23  |
| SGT                       | 6672          |               | 20             | 0     | 20  | 0    | 20  | 0    | 20  | 0    | 20  | 0    | 20  |
| SSGT                      | 6114          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| SSGT                      | 6124          |               | 24             | 0     | 24  | 0    | 24  | 0    | 24  | 0    | 24  | 0    | 24  |
| SSGT                      | 6124          | 6023          | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SSGT                      | 6154          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| SSGT                      | 6154          | 9954          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SSGT                      | 6324          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| SSGT                      | 6414          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| Staff Billets USMC and AR |               |               |                |       |     |      |     |      |     |      |     |      |     |
| CPL                       | 4066          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                       | 6042          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                       | 6046          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                       | 6154          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| CPL                       | 6174          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| CPL                       | 6324          |               | 2              | 0     | 2   | -2   | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| CPL                       | 6531          |               | 7              | 0     | 7   | -3   | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| CPL                       | 6672          |               | 1              | 0     | 1   | -1   | 0   | 0    | 0   | 0    | 0   | 0    | 0   |
| GYSGT                     | 0193          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| GYSGT                     | 6048          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| GYSGT                     | 6092          | 6033          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| GYSGT                     | 6114          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| GYSGT                     | 6124          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| GYSGT                     | 6174          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| GYSGT                     | 6324          |               | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| GYSGT                     | 6492          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| GYSGT                     | 6531          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| GYSGT                     | 6541          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL                      | 0121          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

| DESIG/<br>RATING                       | PNEC/<br>PMOS | SNEC/<br>SMOS | BILLET<br>BASE | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|--|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|  |               |               |                | +/-   | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM |
| LCPL                                   | 0151          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL                                   | 4066          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL                                   | 6042          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL                                   | 6413          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL                                   | 6672          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL                                   | 7041          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| MSGT                                   | 6019          |               | 1              | 0     | 1   | 1    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| MSGT                                   | 6591          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT                                    | 6046          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT                                    | 6048          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| SGT                                    | 6092          | 6033          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT                                    | 6114          |               | 22             | 0     | 22  | -2   | 20  | 0    | 20  | 0    | 20  | 0    | 20  |
| SGT                                    | 6124          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SGT                                    | 6174          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| SGT                                    | 6324          |               | 13             | 0     | 13  | -1   | 12  | 0    | 12  | 0    | 12  | 0    | 12  |
| SGT                                    | 6412          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SGT                                    | 6413          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SGT                                    | 6433          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| SGT                                    | 6492          |               | 5              | 0     | 5   | 0    | 5   | 0    | 5   | 0    | 5   | 0    | 5   |
| SGT                                    | 6531          |               | 5              | 0     | 5   | 2    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| SGT                                    | 6541          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SSGT                                   | 6048          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| SSGT                                   | 6062          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SSGT                                   | 6092          | 6033          | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SSGT                                   | 6114          |               | 11             | 0     | 11  | -2   | 9   | 0    | 9   | 0    | 9   | 0    | 9   |
| SSGT                                   | 6124          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SSGT                                   | 6154          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| SSGT                                   | 6324          |               | 7              | 0     | 7   | -1   | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| SSGT                                   | 6434          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| SSGT                                   | 6492          |               | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| SSGT                                   | 6531          |               | 6              | 0     | 6   | -1   | 5   | 0    | 5   | 0    | 5   | 0    | 5   |
| SSGT                                   | 6541          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| SSGT                                   | 6672          |               | 0              | 0     | 0   | 1    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| Chargeable Student Billets USMC and AR |               |               | 127            | -3    | 124 | 12   | 136 | -8   | 128 | 2    | 130 | 0    | 130 |
| SMCR Billets                           |               |               |                |       |     |      |     |      |     |      |     |      |     |
| CPL                                    | 6046          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| CPL                                    | 6048          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                                    | 6062          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                                    | 6073          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| CPL                                    | 6092          | 6033          | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| CPL                                    | 6114          |               | 21             | 0     | 21  | 0    | 21  | 1    | 22  | 0    | 22  | 0    | 22  |
| CPL                                    | 6124          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| CPL                                    | 6124          | 6023          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL                                    | 6154          |               | 22             | 0     | 22  | 0    | 22  | 1    | 23  | 0    | 23  | 0    | 23  |
| CPL                                    | 6174          |               | 11             | 0     | 11  | 0    | 11  | 0    | 11  | 0    | 11  | 0    | 11  |

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

| DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS | BILLET<br>BASE | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                  |               |               |                | +/-   | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM |
| CPL              | 6324          |               | 28             | 0     | 28  | 0    | 28  | 0    | 28  | 0    | 28  | 0    | 28  |
| CPL              | 6433          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL              | 6483          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| CPL              | 6531          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| CPL              | 6541          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| GYSGT            | 6114          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| GYSGT            | 6124          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| GYSGT            | 6154          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| GYSGT            | 6174          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| GYSGT            | 6324          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| GYSGT            | 6531          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL             | 0121          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL             | 0151          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL             | 0231          |               | 5              | 0     | 5   | 0    | 5   | 0    | 5   | 0    | 5   | 0    | 5   |
| LCPL             | 0431          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| LCPL             | 6042          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL             | 6046          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| LCPL             | 6062          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL             | 6072          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL             | 6114          |               | 35             | 0     | 35  | 0    | 35  | 0    | 35  | 0    | 35  | 0    | 35  |
| LCPL             | 6132          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL             | 6154          |               | 37             | 0     | 37  | 0    | 37  | 0    | 37  | 0    | 37  | 0    | 37  |
| LCPL             | 6174          |               | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| LCPL             | 6324          |               | 18             | 0     | 18  | 0    | 18  | 0    | 18  | 6    | 24  | 0    | 24  |
| LCPL             | 6412          | 6422          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| LCPL             | 6413          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL             | 6433          |               | 3              | 0     | 3   | 0    | 3   | 0    | 3   | 0    | 3   | 0    | 3   |
| LCPL             | 6492          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| LCPL             | 6531          |               | 14             | 0     | 14  | 0    | 14  | 0    | 14  | 0    | 14  | 0    | 14  |
| LCPL             | 6541          |               | 5              | 0     | 5   | 0    | 5   | 0    | 5   | 0    | 5   | 0    | 5   |
| LCPL             | 6672          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SGT              | 6072          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SGT              | 6114          |               | 9              | 0     | 9   | 0    | 9   | 0    | 9   | 0    | 9   | 0    | 9   |
| SGT              | 6124          | 6023          | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SGT              | 6154          |               | 6              | 0     | 6   | 0    | 6   | 0    | 6   | 0    | 6   | 0    | 6   |
| SGT              | 6324          |               | 11             | 0     | 11  | 0    | 11  | 0    | 11  | 0    | 11  | 0    | 11  |
| SGT              | 6413          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT              | 6531          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |
| SGT              | 6541          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGT              | 6672          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SGTMAJ           | 9999          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SSGT             | 0193          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SSGT             | 0231          |               | 0              | 0     | 0   | 0    | 0   | 1    | 1   | 0    | 1   | 0    | 1   |
| SSGT             | 6046          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SSGT             | 6092          | 6043          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SSGT             | 6114          |               | 7              | 0     | 7   | 0    | 7   | 0    | 7   | 0    | 7   | 0    | 7   |
| SSGT             | 6124          |               | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |
| SSGT             | 6124          | 6023          | 1              | 0     | 1   | 0    | 1   | 0    | 1   | 0    | 1   | 0    | 1   |

**II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS**

| DESIG/<br>RATING | PNEC/<br>PMOS | SNEC/<br>SMOS | BILLET<br>BASE | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------|---------------|---------------|----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                  |               |               |                | +/-   | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM | +/-  | CUM |
| SSGT             | 6154          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SSGT             | 6174          |               | 2              | 0     | 2   | 0    | 2   | 0    | 2   | 0    | 2   | 0    | 2   |
| SSGT             | 6324          |               | 8              | 0     | 8   | 0    | 8   | 0    | 8   | 0    | 8   | 0    | 8   |
| SSGT             | 6531          |               | 4              | 0     | 4   | 0    | 4   | 0    | 4   | 0    | 4   | 0    | 4   |

**TOTAL USMC ENLISTED BILLETS:**

|                    |  |  |      |    |      |    |      |    |      |    |      |    |      |
|--------------------|--|--|------|----|------|----|------|----|------|----|------|----|------|
| Operational        |  |  | 2409 | 0  | 2409 | 0  | 2409 | -3 | 2406 | 23 | 2429 | 18 | 2447 |
| Fleet Support      |  |  | 691  | 0  | 691  | 0  | 691  | 0  | 691  | 0  | 691  | 0  | 691  |
| Staff              |  |  | 176  | 0  | 176  | -9 | 167  | 0  | 167  | 0  | 167  | 0  | 167  |
| Chargeable Student |  |  | 127  | -3 | 124  | 12 | 136  | -8 | 128  | 2  | 130  | 0  | 130  |
| SMCR               |  |  | 342  | 0  | 342  | 0  | 342  | 3  | 345  | 6  | 351  | 0  | 351  |

**II.B. PERSONNEL REQUIREMENTS**

**Note:** During the course of the H-1 Upgrade Program, there will be a requirement to train personnel for the new Upgrade Squadrons and replace personnel for existing AH-1W/UH-1N Squadrons simultaneously. The transition is planned to minimize the impact on deployment. H-1 Squadrons with helicopters scheduled for upgrade will go into training as a unit immediately following their last AH-1W/UH-1N deployment. Training would be scheduled to minimize the delay on the next deployment as a new H-1 Upgrade Squadron. The number of students entering training for the transition of each squadron would be several times greater than replacement levels. However, the planned T/O for H-1 Squadrons does not differ substantially from the current manning levels. The training capacity required for USMC fleet replacement at the end of the H-1 Upgrade Program should be similar to current throughput.

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**Note:** The following maintenance pipelines and courses are already established for training on the AH-1W and the UH-1N Helicopters. These pipelines and courses will be updated by replacing and modifying the existing courseware with the AH-1Z and UH-1Y curriculum. Updates to this NTSP will include these changes. Training Tracks M-646-2044, D/E-602-4007, M-601-3090, M-102-6413, D/E-102-6122, M-602-5811, M-102-6483, and M-646-7026 depict annual training requirements for personnel in direct support of H-1 helicopters.

**CIN, COURSE TITLE:** NA1, AH-1 Fleet Replacement Basic and Transition Pilot Category I and II Pipeline

**COURSE LENGTH:** 22.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0% **BACKOUT FACTOR:** 0.44

| TRAINING ACTIVITY                | SOURCE | ACDU/TAR SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------------------|--------|-----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                  |        |                 | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FRS, MCAS Camp Pendleton |        |                 |       |     |      |     |      |     |      |     |      |     |
|                                  | USMC   | USMC            | 32    |     | 32   |     | 33   |     | 33   |     | 32   |     |
|                                  |        | AR              | 1     |     | 1    |     | 1    |     | 1    |     | 1    |     |
|                                  |        | SMCR            | 3     |     | 3    |     | 3    |     | 3    |     | 3    |     |
|                                  |        | TOTAL:          | 36    |     | 36   |     | 37   |     | 37   |     | 36   |     |

**CIN, COURSE TITLE:** NA2, AH-1 Conversion Pilot

**COURSE LENGTH:** 16.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0% **BACKOUT FACTOR:** 0.32

| TRAINING ACTIVITY                | SOURCE | ACDU/TAR SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------------------|--------|-----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                  |        |                 | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FRS, MCAS Camp Pendleton |        |                 |       |     |      |     |      |     |      |     |      |     |
|                                  | USMC   | USMC            | 24    |     | 24   |     | 25   |     | 25   |     | 24   |     |
|                                  |        | AR              | 1     |     | 1    |     | 1    |     | 1    |     | 1    |     |
|                                  |        | SMCR            | 2     |     | 2    |     | 2    |     | 2    |     | 2    |     |
|                                  |        | TOTAL:          | 27    |     | 27   |     | 28   |     | 28   |     | 27   |     |

**CIN, COURSE TITLE:** NA3, AH-1 Fleet Replacement Refresher Pilot Category III

**COURSE LENGTH:** 8.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0% **BACKOUT FACTOR:** 0.16

| TRAINING ACTIVITY                | SOURCE | ACDU/TAR SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------------------|--------|-----------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                  |        |                 | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FRS, MCAS Camp Pendleton |        |                 |       |     |      |     |      |     |      |     |      |     |
|                                  | USMC   | USMC            | 16    |     | 16   |     | 16   |     | 17   |     | 16   |     |
|                                  |        | AR              | 1     |     | 1    |     | 1    |     | 1    |     | 1    |     |
|                                  |        | SMCR            | 1     |     | 1    |     | 1    |     | 1    |     | 1    |     |
|                                  |        | TOTAL:          | 18    |     | 18   |     | 18   |     | 19   |     | 18   |     |

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** NA4, AH-1 FRS Instructor Pilot

**COURSE LENGTH:** 4.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.08

| TRAINING<br>ACTIVITY             | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                  |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FRS, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                  | USMC   | USMC               | 8     |     | 8    |     | 8    |     | 9    |     | 8    |     |
|                                  |        | SMCR               | 1     |     | 1    |     | 1    |     | 1    |     | 1    |     |
|                                  |        | TOTAL:             | 9     |     | 9    |     | 9    |     | 10   |     | 9    |     |

**CIN, COURSE TITLE:** NA5, UH-1 Fleet Replacement Basic and Transition Pilot Category I and II Pipeline

**COURSE LENGTH:** 20.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.40

| TRAINING<br>ACTIVITY             | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                  |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FRS, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                  | USMC   | USMC               | 18    |     | 19   |     | 19   |     | 19   |     | 19   |     |
|                                  |        | AR                 | 1     |     | 1    |     | 0    |     | 0    |     | 0    |     |
|                                  |        | SMCR               | 1     |     | 1    |     | 1    |     | 1    |     | 1    |     |
|                                  |        | TOTAL:             | 20    |     | 21   |     | 20   |     | 20   |     | 20   |     |

**CIN, COURSE TITLE:** NA6, UH-1 Conversion Pilot

**COURSE LENGTH:** 10.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.20

| TRAINING<br>ACTIVITY             | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                  |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FRS, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                  | USMC   | USMC               | 14    |     | 14   |     | 14   |     | 14   |     | 14   |     |
|                                  |        | AR                 | 1     |     | 1    |     | 0    |     | 0    |     | 0    |     |
|                                  |        | SMCR               | 1     |     | 1    |     | 1    |     | 1    |     | 1    |     |
|                                  |        | TOTAL:             | 16    |     | 16   |     | 15   |     | 15   |     | 15   |     |

**CIN, COURSE TITLE:** NA7, UH-1 Fleet Replacement Refresher Pilot Category III Pipeline

**COURSE LENGTH:** 9.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.18

| TRAINING<br>ACTIVITY             | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                  |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FRS, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                  | USMC   | USMC               | 5     |     | 5    |     | 5    |     | 5    |     | 5    |     |
|                                  |        | SMCR               | 1     |     | 0    |     | 0    |     | 1    |     | 0    |     |
|                                  |        | TOTAL:             | 6     |     | 5    |     | 5    |     | 6    |     | 5    |     |

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** NA8, UH-1 Fleet Replacement Modified Refresher Pilot Category IV Pipeline

**COURSE LENGTH:** 6.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.12

| TRAINING<br>ACTIVITY             | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                  |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FRS, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                  | USMC   | USMC               | 5     |     | 5    |     | 5    |     | 5    |     | 5    |     |
|                                  |        | SMCR               | 1     |     | 0    |     | 0    |     | 1    |     | 0    |     |
|                                  |        | TOTAL:             | 6     |     | 5    |     | 5    |     | 6    |     | 5    |     |

**CIN, COURSE TITLE:** NA9, UH-1 FRS Instructor Pilot

**COURSE LENGTH:** 4.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.08

| TRAINING<br>ACTIVITY             | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|----------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                  |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FRS, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                  | USMC   | USMC               | 5     |     | 5    |     | 5    |     | 5    |     | 5    |     |
|                                  |        | SMCR               | 1     |     | 0    |     | 0    |     | 1    |     | 0    |     |
|                                  |        | TOTAL:             | 6     |     | 5    |     | 5    |     | 6    |     | 5    |     |

**CIN, COURSE TITLE:** NA10, UH-1N Basic and Transition Crew Chief Category I and II Pipeline

**COURSE LENGTH:** 21.4 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.43

| TRAINING<br>ACTIVITY               | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                    |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FREST, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                    | USMC   | USMC               |       | 20  |      | 0   |      | 0   |      | 0   |      | 0   |
| HMT-303 FRS, MCAS Camp Pendleton   |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                    | USMC   | USMC               |       | 0   |      | 21  |      | 19  |      | 19  |      | 19  |
|                                    |        | SMCR               |       | 0   |      | 1   |      | 1   |      | 1   |      | 1   |
|                                    |        | TOTAL:             |       | 20  |      | 22  |      | 20  |      | 20  |      | 20  |

**CIN, COURSE TITLE:** NA11, UH-1N Conversion Crew Chief

**COURSE LENGTH:** 20.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.40

| TRAINING<br>ACTIVITY               | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                    |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FREST, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                    | USMC   | USMC               |       | 20  |      | 0   |      | 0   |      | 0   |      | 0   |
| HMT-303 FRS, MCAS Camp Pendleton   |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                    | USMC   | USMC               |       | 0   |      | 21  |      | 19  |      | 19  |      | 19  |
|                                    |        | SMCR               |       | 0   |      | 1   |      | 1   |      | 1   |      | 1   |
|                                    |        | TOTAL:             |       | 20  |      | 22  |      | 20  |      | 20  |      | 20  |

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** NA12, UH-1N Crew Chief Instructor

**COURSE LENGTH:** 18.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.36

| TRAINING<br>ACTIVITY               | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                    |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FREST, MCAS Camp Pendleton | USMC   | USMC               |       | 10  |      | 0   |      | 0   |      | 0   |      | 0   |
| HMT-303 FRS, MCAS Camp Pendleton   | USMC   | USMC               |       | 0   |      | 10  |      | 10  |      | 10  |      | 10  |
|                                    |        | SMCR               |       | 0   |      | 0   |      | 1   |      | 0   |      | 1   |
|                                    |        | TOTAL:             |       | 10  |      | 10  |      | 11  |      | 10  |      | 11  |

**CIN, COURSE TITLE:** M-102-2024, H-1 Communication, Navigation, Identification System Maintenance

**COURSE LENGTH:** 16.4 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.33

| TRAINING<br>ACTIVITY                | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-------------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                     |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FREST, MCAS Camp Pendleton  | USMC   | USMC               |       | 113 |      | 0   |      | 0   |      | 0   |      | 0   |
|                                     |        | AR                 |       | 1   |      | 0   |      | 0   |      | 0   |      | 0   |
|                                     |        | SMCR               |       | 7   |      | 0   |      | 0   |      | 0   |      | 0   |
| NAMTRA MARUNIT, MCAS Camp Pendleton | USMC   | USMC               |       | 0   |      | 129 |      | 120 |      | 124 |      | 124 |
|                                     |        | AR                 |       | 0   |      | 1   |      | 1   |      | 1   |      | 1   |
|                                     |        | SMCR               |       | 0   |      | 7   |      | 7   |      | 7   |      | 7   |
|                                     |        | TOTAL:             |       | 121 |      | 137 |      | 128 |      | 132 |      | 132 |

**CIN, COURSE TITLE:** M-601-2014, AH-1W and UH-1N Power Plants, Power Trains and Rotors Maintenance

**COURSE LENGTH:** 8.8 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.18

| TRAINING<br>ACTIVITY                | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-------------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                     |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FREST, MCAS Camp Pendleton  | USMC   | USMC               |       | 142 |      | 0   |      | 0   |      | 0   |      | 0   |
|                                     |        | AR                 |       | 7   |      | 0   |      | 0   |      | 0   |      | 0   |
|                                     |        | SMCR               |       | 8   |      | 0   |      | 0   |      | 0   |      | 0   |
| NAMTRA MARUNIT, MCAS Camp Pendleton | USMC   | USMC               |       | 0   |      | 165 |      | 149 |      | 149 |      | 149 |
|                                     |        | AR                 |       | 0   |      | 7   |      | 7   |      | 7   |      | 7   |
|                                     |        | SMCR               |       | 0   |      | 8   |      | 8   |      | 8   |      | 8   |
|                                     |        | TOTAL:             |       | 157 |      | 180 |      | 164 |      | 164 |      | 164 |

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** M-602-2081, Helicopter Airframe Mechanic A/UH-1

**COURSE LENGTH:** 4.4 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.09

| TRAINING<br>ACTIVITY                | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-------------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                     |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FREST, MCAS Camp Pendleton  |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                     | USMC   | USMC               |       | 117 |      | 0   |      | 0   |      | 0   |      | 0   |
|                                     |        | AR                 |       | 5   |      | 0   |      | 0   |      | 0   |      | 0   |
|                                     |        | SMCR               |       | 7   |      | 0   |      | 0   |      | 0   |      | 0   |
| NAMTRA MARUNIT, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                     | USMC   | USMC               |       | 0   |      | 122 |      | 119 |      | 133 |      | 133 |
|                                     |        | AR                 |       | 0   |      | 5   |      | 4   |      | 4   |      | 4   |
|                                     |        | SMCR               |       | 0   |      | 7   |      | 7   |      | 7   |      | 7   |
|                                     |        | TOTAL:             |       | 129 |      | 134 |      | 130 |      | 144 |      | 144 |

**CIN, COURSE TITLE:** M-646-2044, H-1 Armament Systems Maintenance

**COURSE LENGTH:** 9.4 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.19

| TRAINING<br>ACTIVITY                | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-------------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                     |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FREST, MCAS Camp Pendleton  |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                     | USMC   | USMC               |       | 66  |      | 0   |      | 0   |      | 0   |      | 0   |
|                                     |        | AR                 |       | 4   |      | 0   |      | 0   |      | 0   |      | 0   |
|                                     |        | SMCR               |       | 3   |      | 0   |      | 0   |      | 0   |      | 0   |
| NAMTRA MARUNIT, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                     | USMC   | USMC               |       | 0   |      | 74  |      | 68  |      | 70  |      | 69  |
|                                     |        | AR                 |       | 0   |      | 4   |      | 4   |      | 4   |      | 4   |
|                                     |        | SMCR               |       | 0   |      | 3   |      | 3   |      | 3   |      | 3   |
|                                     |        | TOTAL:             |       | 73  |      | 81  |      | 75  |      | 77  |      | 76  |

**CIN, COURSE TITLE:** E-102-6122, Cryptographic Equipment Intermediate Maintenance

**COURSE LENGTH:** 3.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.06

| TRAINING<br>ACTIVITY          | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                               |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| MTU 1038 NAMTRAU, NAS Lemoore |        |                    |       |     |      |     |      |     |      |     |      |     |
|                               | USMC   | USMC               |       | 5   |      | 5   |      | 5   |      | 5   |      | 5   |
|                               |        | TOTAL:             |       | 5   |      | 5   |      | 5   |      | 5   |      | 5   |

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** M-102-6413, Aircraft Navigation Systems Equipment Intermediate Maintenance

**COURSE LENGTH:** 9.4 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.19

| TRAINING<br>ACTIVITY                         | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|--|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|  |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| MTU 3001 (FREST) VMAT-203, MCAS Cherry Point |        |                    |       |     |      |     |      |     |      |     |      |     |
|  | USMC   | USMC               |       | 12  |      | 0   |      | 0   |      | 0   |      | 0   |
| MTU 3001 NAMTRA MARUNIT, MCAS Cherry Point   |        |                    |       |     |      |     |      |     |      |     |      |     |
|  | USMC   | USMC               |       | 0   |      | 12  |      | 12  |      | 12  |      | 12  |
|  |        | SMCR               |       | 0   |      | 0   |      | 0   |      | 1   |      | 0   |
|  |        | TOTAL:             |       | 12  |      | 12  |      | 12  |      | 13  |      | 12  |

**CIN, COURSE TITLE:** M-102-6483, Helicopter Deceptive Electronic Countermeasures Intermediate Maintenance

**COURSE LENGTH:** 11.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.22

| TRAINING<br>ACTIVITY                         | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|--|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|  |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| MTU 3001 (FREST) VMAT-203, MCAS Cherry Point |        |                    |       |     |      |     |      |     |      |     |      |     |
|  | USMC   | USMC               |       | 6   |      | 0   |      | 0   |      | 0   |      | 0   |
| MTU 3001 NAMTRA MARUNIT, MCAS Cherry Point   |        |                    |       |     |      |     |      |     |      |     |      |     |
|  | USMC   | USMC               |       | 0   |      | 6   |      | 6   |      | 6   |      | 6   |
|  |        | TOTAL:             |       | 6   |      | 6   |      | 6   |      | 6   |      | 6   |

**CIN, COURSE TITLE:** M-601-3027, T-400/700 Engine First Degree Intermediate Maintenance

**COURSE LENGTH:** 9.2 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.18

| TRAINING<br>ACTIVITY                | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-------------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                     |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FREST, MCAS Camp Pendleton  |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                     | USMC   | USMC               |       | 33  |      | 0   |      | 0   |      | 0   |      | 0   |
| NAMTRA MARUNIT, MCAS Camp Pendleton |        |                    |       |     |      |     |      |     |      |     |      |     |
|                                     | USMC   | USMC               |       | 0   |      | 36  |      | 34  |      | 34  |      | 34  |
|                                     |        | SMCR               |       | 0   |      | 1   |      | 1   |      | 1   |      | 1   |
|                                     |        | TOTAL:             |       | 33  |      | 37  |      | 35  |      | 35  |      | 35  |

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** M-601-3090, Helicopter Dynamic Component Intermediate Maintenance

**COURSE LENGTH:** 5.4 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.11

| TRAINING<br>ACTIVITY                         | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|--|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|  |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| MTU 3001 (FREST) VMAT-203, MCAS Cherry Point | USMC   | USMC               |       | 6   |      | 0   |      | 0   |      | 0   |      | 0   |
| MTU 3001 NAMTRA MARUNIT, MCAS Cherry Point   | USMC   | USMC               |       | 0   |      | 6   |      | 6   |      | 6   |      | 6   |
|  |        | TOTAL:             |       | 6   |      | 6   |      | 6   |      | 6   |      | 6   |

**CIN, COURSE TITLE:** D-602-4007, F-18 Hydraulic Components Intermediate Maintenance

**COURSE LENGTH:** 8.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.16

| TRAINING<br>ACTIVITY         | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                              |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| MTU 1039 NAMTRAU, NAS Oceana | USMC   | USMC               |       | 11  |      | 11  |      | 11  |      | 11  |      | 11  |
|                              |        | SMCR               |       | 1   |      | 0   |      | 0   |      | 1   |      | 0   |
|                              |        | TOTAL:             |       | 12  |      | 11  |      | 11  |      | 12  |      | 11  |

**CIN, COURSE TITLE:** E-602-4007, F-18 Hydraulic Components Intermediate Maintenance

**COURSE LENGTH:** 8.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.16

| TRAINING<br>ACTIVITY          | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                               |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| MTU 1038 NAMTRAU, NAS Lemoore | USMC   | USMC               |       | 11  |      | 11  |      | 11  |      | 11  |      | 11  |
|                               |        | SMCR               |       | 1   |      | 0   |      | 0   |      | 1   |      | 0   |
|                               |        | TOTAL:             |       | 12  |      | 11  |      | 11  |      | 12  |      | 11  |

**CIN, COURSE TITLE:** M-602-5811, H-1 Aircraft Electrical Instrument Automatic Flight Control System Equipment Intermediate Maintenance

**COURSE LENGTH:** 10.0 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.20

| TRAINING<br>ACTIVITY                | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|-------------------------------------|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|                                     |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| HMT-303 FREST, MCAS Camp Pendleton  | USMC   | USMC               |       | 11  |      | 0   |      | 0   |      | 0   |      | 0   |
| NAMTRA MARUNIT, MCAS Camp Pendleton | USMC   | USMC               |       | 0   |      | 13  |      | 12  |      | 12  |      | 12  |
|                                     |        | SMCR               |       | 0   |      | 0   |      | 1   |      | 0   |      | 1   |
|                                     |        | TOTAL:             |       | 11  |      | 13  |      | 13  |      | 12  |      | 13  |

**II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS**

**CIN, COURSE TITLE:** M-646-7026, Aircraft Ordnance Technician Intermediate Maintenance

**COURSE LENGTH:** 11.4 Weeks

**ATTRITION FACTOR:** Navy: 0% USMC: 0%

**BACKOUT FACTOR:** 0.23

| TRAINING<br>ACTIVITY                         | SOURCE | ACDU/TAR<br>SELRES | CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |
|--|--------|--------------------|-------|-----|------|-----|------|-----|------|-----|------|-----|
|  |        |                    | OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |
| MTU 4034 (FREST) VMAT 203, MCAS Cherry Point |        |                    |       |     |      |     |      |     |      |     |      |     |
|  | USMC   | USMC               |       | 32  |      | 0   |      | 0   |      | 0   |      | 0   |
|  |        | AR                 |       | 1   |      | 0   |      | 0   |      | 0   |      | 0   |
| MTU 4034 NAMTRA MARUNIT, MCAS Cherry Point   |        |                    |       |     |      |     |      |     |      |     |      |     |
|  | USMC   | USMC               |       | 0   |      | 32  |      | 32  |      | 32  |      | 32  |
|  |        | AR                 |       | 0   |      | 1   |      | 1   |      | 1   |      | 1   |
|  |        | SMCR               |       | 0   |      | 1   |      | 1   |      | 1   |      | 1   |
|  |        | TOTAL:             |       | 33  |      | 34  |      | 34  |      | 34  |      | 34  |

## PART III - TRAINING REQUIREMENTS

The following elements are not affected by the H-1 Upgrades Program (AH-1Z and UH-1Y), and, therefore, are not included in Part III of this NTSP:

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

**PART III - TRAINING REQUIREMENTS**

**III.A.1. INITIAL TRAINING REQUIREMENTS**

**COURSE TITLE:** AH-1Z and UH-1Y Pilot Training  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 39 Days  
**ACTIVITY DESTINATIONS:** DT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     | CIV |            |
|------------------------------|------------|----------|-----|-----|------------|
|                              |            | OFF      | ENL |     |            |
| NRWATS Patuxent River, 39784 | May 03     | 8        | 0   | 0   | Input      |
|                              |            | 0.9      | 0   |     | AOB        |
|                              |            | 8        | 0   |     | Chargeable |

**COURSE TITLE:** H-1 Airframes Hydraulic Systems Integrated Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 9 Days  
**ACTIVITY DESTINATIONS:** DT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     | CIV |            |
|------------------------------|------------|----------|-----|-----|------------|
|                              |            | OFF      | ENL |     |            |
| NRWATS Patuxent River, 39784 | May 03     | 0        | 8   | 0   | Input      |
|                              |            | 0        | 0.2 |     | AOB        |
|                              |            | 0        | 8   |     | Chargeable |

**COURSE TITLE:** H-1 Airframes Systems Integrated Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 9 Days  
**ACTIVITY DESTINATIONS:** DT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     | CIV |            |
|------------------------------|------------|----------|-----|-----|------------|
|                              |            | OFF      | ENL |     |            |
| NRWATS Patuxent River, 39784 | May 03     | 0        | 8   | 0   | Input      |
|                              |            | 0        | 0.2 |     | AOB        |
|                              |            | 0        | 8   |     | Chargeable |

**COURSE TITLE:** H-1 Armament Systems Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 5 Days  
**ACTIVITY DESTINATIONS:** DT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     | CIV |            |
|------------------------------|------------|----------|-----|-----|------------|
|                              |            | OFF      | ENL |     |            |
| NRWATS Patuxent River, 39784 | May 03     | 0        | 8   | 0   | Input      |
|                              |            | 0        | 0.1 |     | AOB        |
|                              |            | 0        | 8   |     | Chargeable |

**III.A.1. INITIAL TRAINING REQUIREMENTS**

**COURSE TITLE:** H-1 Communication/Navigation Identification and Related Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 11 Days  
**ACTIVITY DESTINATIONS:** DT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     |   | CIV        |
|------------------------------|------------|----------|-----|---|------------|
|                              |            | OFF      | ENL |   |            |
| NRWATS Patuxent River, 39784 | May 03     | 0        | 8   | 0 | Input      |
|                              |            | 0        | 0.2 |   | AOB        |
|                              |            | 0        | 8   |   | Chargeable |

**COURSE TITLE:** H-1 Electrical and Automatic Flight Control Systems Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 17 Days  
**ACTIVITY DESTINATIONS:** DT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     |   | CIV        |
|------------------------------|------------|----------|-----|---|------------|
|                              |            | OFF      | ENL |   |            |
| NRWATS Patuxent River, 39784 | May 03     | 0        | 8   | 0 | Input      |
|                              |            | 0        | 0.4 |   | AOB        |
|                              |            | 0        | 8   |   | Chargeable |

**COURSE TITLE:** H-1 Fire Control Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 11 Days  
**ACTIVITY DESTINATIONS:** DT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     |   | CIV        |
|------------------------------|------------|----------|-----|---|------------|
|                              |            | OFF      | ENL |   |            |
| NRWATS Patuxent River, 39784 | May 03     | 0        | 8   | 0 | Input      |
|                              |            | 0        | 0.2 |   | AOB        |
|                              |            | 0        | 8   |   | Chargeable |

**COURSE TITLE:** H-1 Power Trains, Rotors, and Related Systems Integrated Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 30 Days  
**ACTIVITY DESTINATIONS:** DT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     |   | CIV        |
|------------------------------|------------|----------|-----|---|------------|
|                              |            | OFF      | ENL |   |            |
| NRWATS Patuxent River, 39784 | May 03     | 0        | 8   | 0 | Input      |
|                              |            | 0        | 0.7 |   | AOB        |
|                              |            | 0        | 8   |   | Chargeable |

**III.A.1. INITIAL TRAINING REQUIREMENTS**

**COURSE TITLE:** AH-1Z and UH-1Y Pilot Training  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 39 Days  
**ACTIVITY DESTINATIONS:** FOT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     | CIV |            |
|------------------------------|------------|----------|-----|-----|------------|
|                              |            | OFF      | ENL |     |            |
| NRWATS Patuxent River, 39784 | May 04     | 8        | 0   | 0   | Input      |
|                              |            | 0.9      | 0   |     | AOB        |
|                              |            | 8        | 0   |     | Chargeable |

**COURSE TITLE:** H-1 Airframes Hydraulic Systems Integrated Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 9 Days  
**ACTIVITY DESTINATIONS:** FOT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     | CIV |            |
|------------------------------|------------|----------|-----|-----|------------|
|                              |            | OFF      | ENL |     |            |
| NRWATS Patuxent River, 39784 | May 04     | 0        | 8   | 0   | Input      |
|                              |            | 0        | 0.2 |     | AOB        |
|                              |            | 0        | 8   |     | Chargeable |

**COURSE TITLE:** H-1 Airframes Systems Integrated Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 9 Days  
**ACTIVITY DESTINATIONS:** FOT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     | CIV |            |
|------------------------------|------------|----------|-----|-----|------------|
|                              |            | OFF      | ENL |     |            |
| NRWATS Patuxent River, 39784 | May 04     | 0        | 8   | 0   | Input      |
|                              |            | 0        | 0.2 |     | AOB        |
|                              |            | 0        | 8   |     | Chargeable |

**COURSE TITLE:** H-1 Armament Systems Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 5 Days  
**ACTIVITY DESTINATIONS:** FOT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     | CIV |            |
|------------------------------|------------|----------|-----|-----|------------|
|                              |            | OFF      | ENL |     |            |
| NRWATS Patuxent River, 39784 | May 04     | 0        | 8   | 0   | Input      |
|                              |            | 0        | 0.1 |     | AOB        |
|                              |            | 0        | 8   |     | Chargeable |

**III.A.1. INITIAL TRAINING REQUIREMENTS**

**COURSE TITLE:** H-1 Communication/Navigation Identification and Related Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 11 Days  
**ACTIVITY DESTINATIONS:** FOT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     |   | CIV        |  |
|------------------------------|------------|----------|-----|---|------------|--|
|                              |            | OFF      | ENL |   |            |  |
| NRWATS Patuxent River, 39784 | May 04     | 0        | 8   | 0 | Input      |  |
|                              |            | 0        | 0.2 |   | AOB        |  |
|                              |            | 0        | 8   |   | Chargeable |  |

**COURSE TITLE:** H-1 Electrical and Automatic Flight Control Systems Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 17 Days  
**ACTIVITY DESTINATIONS:** FOT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     |   | CIV        |  |
|------------------------------|------------|----------|-----|---|------------|--|
|                              |            | OFF      | ENL |   |            |  |
| NRWATS Patuxent River, 39784 | May 04     | 0        | 8   | 0 | Input      |  |
|                              |            | 0        | 0.4 |   | AOB        |  |
|                              |            | 0        | 8   |   | Chargeable |  |

**COURSE TITLE:** H-1 Fire Control Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 11 Days  
**ACTIVITY DESTINATIONS:** FOT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     |   | CIV        |  |
|------------------------------|------------|----------|-----|---|------------|--|
|                              |            | OFF      | ENL |   |            |  |
| NRWATS Patuxent River, 39784 | May 04     | 0        | 8   | 0 | Input      |  |
|                              |            | 0        | 0.2 |   | AOB        |  |
|                              |            | 0        | 8   |   | Chargeable |  |

**COURSE TITLE:** H-1 Power Trains, Rotors, and Related Systems Integrated Organizational Maintenance  
**COURSE DEVELOPER:** Bell Helicopter Textron, Inc.  
**COURSE INSTRUCTOR:** Bell Helicopter Textron, Inc.  
**COURSE LENGTH:** 30 Days  
**ACTIVITY DESTINATIONS:** FOT&E

| LOCATION, UIC                | BEGIN DATE | STUDENTS |     |   | CIV        |  |
|------------------------------|------------|----------|-----|---|------------|--|
|                              |            | OFF      | ENL |   |            |  |
| NRWATS Patuxent River, 39784 | May 04     | 0        | 8   | 0 | Input      |  |
|                              |            | 0        | 0.7 |   | AOB        |  |
|                              |            | 0        | 8   |   | Chargeable |  |

**III.A.2. FOLLOW-ON TRAINING**

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** NA1, AH-1 Fleet Replacement Basic and Transition Pilot Category I and II Pipeline  
**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 33    |     | 33   |     | 34   |     | 34   |     | 33   |     | ATIR       |
| 33    |     | 33   |     | 34   |     | 34   |     | 33   |     | Output     |
| 13.7  |     | 13.7 |     | 14.1 |     | 14.1 |     | 13.7 |     | AOB        |
| 13.7  |     | 13.7 |     | 14.1 |     | 14.1 |     | 13.7 |     | Chargeable |

**SOURCE:** USMC                      **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 3     |     | 3    |     | 3    |     | 3    |     | 3    |     | ATIR       |
| 3     |     | 3    |     | 3    |     | 3    |     | 3    |     | Output     |
| 1.2   |     | 1.2  |     | 1.2  |     | 1.2  |     | 1.2  |     | AOB        |
| 0.0   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | Chargeable |

**CIN, COURSE TITLE:** NA2, AH-1 Conversion Pilot  
**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 25    |     | 25   |     | 26   |     | 26   |     | 25   |     | ATIR       |
| 25    |     | 25   |     | 26   |     | 26   |     | 25   |     | Output     |
| 7.5   |     | 7.5  |     | 7.8  |     | 7.8  |     | 7.5  |     | AOB        |
| 7.5   |     | 7.5  |     | 7.8  |     | 7.8  |     | 7.5  |     | Chargeable |

**SOURCE:** USMC                      **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 2     |     | 2    |     | 2    |     | 2    |     | 2    |     | ATIR       |
| 2     |     | 2    |     | 2    |     | 2    |     | 2    |     | Output     |
| 0.6   |     | 0.6  |     | 0.6  |     | 0.6  |     | 0.6  |     | AOB        |
| 0.0   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | Chargeable |

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** NA3, AH-1 Fleet Replacement Refresher Pilot Category III

**TRAINING ACTIVITY:** HMT-303 FRS

**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 17    |     | 17   |     | 17   |     | 18   |     | 17   |     | ATIR       |
| 17    |     | 17   |     | 17   |     | 18   |     | 17   |     | Output     |
| 2.5   |     | 2.5  |     | 2.5  |     | 2.6  |     | 2.5  |     | AOB        |
| 2.5   |     | 2.5  |     | 2.5  |     | 2.6  |     | 2.5  |     | Chargeable |

**SOURCE:** USMC                      **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 1     |     | 1    |     | 1    |     | 1    |     | 1    |     | ATIR       |
| 1     |     | 1    |     | 1    |     | 1    |     | 1    |     | Output     |
| 0.1   |     | 0.1  |     | 0.1  |     | 0.1  |     | 0.1  |     | AOB        |
| 0.0   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | Chargeable |

**CIN, COURSE TITLE:** NA4, AH-1 FRS Instructor Pilot

**TRAINING ACTIVITY:** HMT-303 FRS

**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 8     |     | 8    |     | 8    |     | 9    |     | 8    |     | ATIR       |
| 8     |     | 8    |     | 8    |     | 9    |     | 8    |     | Output     |
| 0.6   |     | 0.6  |     | 0.6  |     | 0.7  |     | 0.6  |     | AOB        |
| 0.6   |     | 0.6  |     | 0.6  |     | 0.7  |     | 0.6  |     | Chargeable |

**SOURCE:** USMC                      **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 1     |     | 1    |     | 1    |     | 1    |     | 1    |     | ATIR       |
| 1     |     | 1    |     | 1    |     | 1    |     | 1    |     | Output     |
| 0.1   |     | 0.1  |     | 0.1  |     | 0.1  |     | 0.1  |     | AOB        |
| 0.0   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | Chargeable |

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** NA5, UH-1 Fleet Replacement Basic and Transition Pilot Category I and II Pipeline  
**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 19    |     | 20   |     | 19   |     | 19   |     | 19   |     | ATIR       |
| 19    |     | 20   |     | 19   |     | 19   |     | 19   |     | Output     |
| 7.2   |     | 7.6  |     | 7.2  |     | 7.2  |     | 7.2  |     | AOB        |
| 7.2   |     | 7.6  |     | 7.2  |     | 7.2  |     | 7.2  |     | Chargeable |

**SOURCE:** USMC                      **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 1     |     | 1    |     | 1    |     | 1    |     | 1    |     | ATIR       |
| 1     |     | 1    |     | 1    |     | 1    |     | 1    |     | Output     |
| 0.4   |     | 0.4  |     | 0.4  |     | 0.4  |     | 0.4  |     | AOB        |
| 0.0   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | Chargeable |

**CIN, COURSE TITLE:** NA6, UH-1 Conversion Pilot  
**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 15    |     | 15   |     | 14   |     | 14   |     | 14   |     | ATIR       |
| 15    |     | 15   |     | 14   |     | 14   |     | 14   |     | Output     |
| 2.8   |     | 2.8  |     | 2.6  |     | 2.6  |     | 2.6  |     | AOB        |
| 2.8   |     | 2.8  |     | 2.6  |     | 2.6  |     | 2.6  |     | Chargeable |

**SOURCE:** USMC                      **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 1     |     | 1    |     | 1    |     | 1    |     | 1    |     | ATIR       |
| 1     |     | 1    |     | 1    |     | 1    |     | 1    |     | Output     |
| 0.2   |     | 0.2  |     | 0.2  |     | 0.2  |     | 0.2  |     | AOB        |
| 0.0   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | Chargeable |

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** NA7, UH-1 Fleet Replacement Refresher Pilot Category III Pipeline  
**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 5     |     | 5    |     | 5    |     | 5    |     | 5    |     | ATIR       |
| 5     |     | 5    |     | 5    |     | 5    |     | 5    |     | Output     |
| 0.8   |     | 0.8  |     | 0.8  |     | 0.8  |     | 0.8  |     | AOB        |
| 0.8   |     | 0.8  |     | 0.8  |     | 0.8  |     | 0.8  |     | Chargeable |

**SOURCE:** USMC                      **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 1     |     | 0    |     | 0    |     | 1    |     | 0    |     | ATIR       |
| 1     |     | 0    |     | 0    |     | 1    |     | 0    |     | Output     |
| 0.2   |     | 0.0  |     | 0.0  |     | 0.2  |     | 0.0  |     | AOB        |
| 0.0   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | Chargeable |

**CIN, COURSE TITLE:** NA8, UH-1 Fleet Replacement Modified Refresher Pilot Category IV Pipeline  
**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 5     |     | 5    |     | 5    |     | 5    |     | 5    |     | ATIR       |
| 5     |     | 5    |     | 5    |     | 5    |     | 5    |     | Output     |
| 0.5   |     | 0.5  |     | 0.5  |     | 0.5  |     | 0.5  |     | AOB        |
| 0.5   |     | 0.5  |     | 0.5  |     | 0.5  |     | 0.5  |     | Chargeable |

**SOURCE:** USMC                      **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 1     |     | 0    |     | 0    |     | 1    |     | 0    |     | ATIR       |
| 1     |     | 0    |     | 0    |     | 1    |     | 0    |     | Output     |
| 0.1   |     | 0.0  |     | 0.0  |     | 0.1  |     | 0.0  |     | AOB        |
| 0.0   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | Chargeable |

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** NA9, UH-1 FRS Instructor Pilot  
**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                    **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 5     |     | 5    |     | 5    |     | 5    |     | 5    |     | ATIR       |
| 5     |     | 5    |     | 5    |     | 5    |     | 5    |     | Output     |
| 0.4   |     | 0.4  |     | 0.4  |     | 0.4  |     | 0.4  |     | AOB        |
| 0.4   |     | 0.4  |     | 0.4  |     | 0.4  |     | 0.4  |     | Chargeable |

**SOURCE:** USMC                    **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 1     |     | 0    |     | 0    |     | 1    |     | 0    |     | ATIR       |
| 1     |     | 0    |     | 0    |     | 1    |     | 0    |     | Output     |
| 0.1   |     | 0.0  |     | 0.0  |     | 0.1  |     | 0.0  |     | AOB        |
| 0.0   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | Chargeable |

**CIN, COURSE TITLE:** NA10, UH-1N Basic and Transition Crew Chief Category I and II Pipeline  
**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                    **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
| 20    |     | 0    |     | 0    |     | 0    |     | 0    |     | ATIR       |
| 20    |     | 0    |     | 0    |     | 0    |     | 0    |     | Output     |
| 8.2   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | AOB        |
| 8.2   |     | 0.0  |     | 0.0  |     | 0.0  |     | 0.0  |     | Chargeable |

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 21  |      | 19  |      | 19  |      | 19  | ATIR       |
|       | 0   |      | 21  |      | 19  |      | 19  |      | 19  | Output     |
|       | 0.0 |      | 8.6 |      | 7.8 |      | 7.8 |      | 7.8 | AOB        |
|       | 0.0 |      | 8.6 |      | 7.8 |      | 7.8 |      | 7.8 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 1   |      | 1   |      | 1   |      | 1   | ATIR       |
|       | 0   |      | 1   |      | 1   |      | 1   |      | 1   | Output     |
|       | 0.0 |      | 0.4 |      | 0.4 |      | 0.4 |      | 0.4 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**CIN, COURSE TITLE:** NA11, UH-1N Conversion Crew Chief  
**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 20  |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 20  |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 7.6 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 7.6 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 21  |      | 19  |      | 19  |      | 19  | ATIR       |
|       | 0   |      | 21  |      | 19  |      | 19  |      | 19  | Output     |
|       | 0.0 |      | 7.9 |      | 7.2 |      | 7.2 |      | 7.2 | AOB        |
|       | 0.0 |      | 7.9 |      | 7.2 |      | 7.2 |      | 7.2 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 1   |      | 1   |      | 1   |      | 1   | ATIR       |
|       | 0   |      | 1   |      | 1   |      | 1   |      | 1   | Output     |
|       | 0.0 |      | 0.4 |      | 0.4 |      | 0.4 |      | 0.4 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**CIN, COURSE TITLE:** NA12, UH-1N Crew Chief Instructor  
**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 10  |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 10  |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 3.4 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 3.4 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 10  |      | 10  |      | 10  |      | 10  | ATIR       |
|       | 0   |      | 10  |      | 10  |      | 10  |      | 10  | Output     |
|       | 0.0 |      | 3.4 |      | 3.4 |      | 3.4 |      | 3.4 | AOB        |
|       | 0.0 |      | 3.4 |      | 3.4 |      | 3.4 |      | 3.4 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 0   |      | 1   |      | 0   |      | 1   | ATIR       |
|       | 0   |      | 0   |      | 1   |      | 0   |      | 1   | Output     |
|       | 0.0 |      | 0.0 |      | 0.3 |      | 0.0 |      | 0.3 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**CIN, COURSE TITLE:** M-102-2024, H-1 Communication, Navigation, Identification System Maintenance  
**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |      | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|------|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL  | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 114  |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 114  |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 35.6 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 35.6 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 7   |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 7   |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 2.2 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |      | FY03 |      | FY04 |      | FY05 |      |            |
|-------|-----|------|------|------|------|------|------|------|------|------------|
| OFF   | ENL | OFF  | ENL  | OFF  | ENL  | OFF  | ENL  | OFF  | ENL  |            |
|       | 0   |      | 130  |      | 121  |      | 125  |      | 125  | ATIR       |
|       | 0   |      | 130  |      | 121  |      | 125  |      | 125  | Output     |
|       | 0.0 |      | 40.6 |      | 37.8 |      | 39.1 |      | 39.1 | AOB        |
|       | 0.0 |      | 40.6 |      | 37.8 |      | 39.1 |      | 39.1 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 7   |      | 7   |      | 7   |      | 7   | ATIR       |
|       | 0   |      | 7   |      | 7   |      | 7   |      | 7   | Output     |
|       | 0.0 |      | 2.2 |      | 2.2 |      | 2.2 |      | 2.2 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**CIN, COURSE TITLE:** M-601-2014, AH-1W and UH-1N Power Plants, Power Trains, and Rotors Maintenance  
**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |      | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|------|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL  | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 149  |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 149  |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 24.5 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 24.5 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 8   |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 8   |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 1.3 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |      | FY03 |      | FY04 |      | FY05 |      |            |
|-------|-----|------|------|------|------|------|------|------|------|------------|
| OFF   | ENL | OFF  | ENL  | OFF  | ENL  | OFF  | ENL  | OFF  | ENL  |            |
|       | 0   |      | 172  |      | 156  |      | 156  |      | 156  | ATIR       |
|       | 0   |      | 172  |      | 156  |      | 156  |      | 156  | Output     |
|       | 0.0 |      | 28.3 |      | 25.7 |      | 25.7 |      | 25.7 | AOB        |
|       | 0.0 |      | 28.3 |      | 25.7 |      | 25.7 |      | 25.7 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 8   |      | 8   |      | 8   |      | 8   | ATIR       |
|       | 0   |      | 8   |      | 8   |      | 8   |      | 8   | Output     |
|       | 0.0 |      | 1.3 |      | 1.3 |      | 1.3 |      | 1.3 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**CIN, COURSE TITLE:** M-602-2081, Helicopter Airframe Mechanic A/UH-1  
**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |      | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|------|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL  | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 122  |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 122  |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 10.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 10.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 7   |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 7   |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 0.6 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |      | FY03 |      | FY04 |      | FY05 |      |            |
|-------|-----|------|------|------|------|------|------|------|------|------------|
| OFF   | ENL | OFF  | ENL  | OFF  | ENL  | OFF  | ENL  | OFF  | ENL  |            |
|       | 0   |      | 127  |      | 123  |      | 137  |      | 137  | ATIR       |
|       | 0   |      | 127  |      | 123  |      | 137  |      | 137  | Output     |
|       | 0.0 |      | 10.4 |      | 10.1 |      | 11.2 |      | 11.2 | AOB        |
|       | 0.0 |      | 10.4 |      | 10.1 |      | 11.2 |      | 11.2 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 7   |      | 7   |      | 7   |      | 7   | ATIR       |
|       | 0   |      | 7   |      | 7   |      | 7   |      | 7   | Output     |
|       | 0.0 |      | 0.6 |      | 0.6 |      | 0.6 |      | 0.6 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**CIN, COURSE TITLE:** M-646-2044, H-1 Armament Systems Maintenance  
**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |      | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|------|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL  | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 70   |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 70   |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 12.5 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 12.5 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 3   |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 3   |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 0.5 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |      | FY03 |      | FY04 |      | FY05 |      |            |
|-------|-----|------|------|------|------|------|------|------|------|------------|
| OFF   | ENL | OFF  | ENL  | OFF  | ENL  | OFF  | ENL  | OFF  | ENL  |            |
|       | 0   |      | 78   |      | 72   |      | 74   |      | 73   | ATIR       |
|       | 0   |      | 78   |      | 72   |      | 74   |      | 73   | Output     |
|       | 0.0 |      | 13.9 |      | 12.9 |      | 13.2 |      | 13.0 | AOB        |
|       | 0.0 |      | 13.9 |      | 12.9 |      | 13.2 |      | 13.0 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 3   |      | 3   |      | 3   |      | 3   | ATIR       |
|       | 0   |      | 3   |      | 3   |      | 3   |      | 3   | Output     |
|       | 0.0 |      | 0.5 |      | 0.5 |      | 0.5 |      | 0.5 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**CIN, COURSE TITLE:** E-102-6122, Cryptographic Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 5   |      | 5   |      | 5   |      | 5   |      | 5   | ATIR       |
|       | 5   |      | 5   |      | 5   |      | 5   |      | 5   | Output     |
|       | 0.3 |      | 0.3 |      | 0.3 |      | 0.3 |      | 0.3 | AOB        |
|       | 0.3 |      | 0.3 |      | 0.3 |      | 0.3 |      | 0.3 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** M-102-6413, Aircraft Navigation Systems Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 3001 (FREST) VMAT-203  
**LOCATION, UIC:** MCAS Cherry Point, 45483

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 12  |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 12  |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 2.1 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 2.1 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**TRAINING ACTIVITY:** MTU 3001 NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Cherry Point, 45483

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 12  |      | 12  |      | 12  |      | 12  | ATIR       |
|       | 0   |      | 12  |      | 12  |      | 12  |      | 12  | Output     |
|       | 0.0 |      | 2.1 |      | 2.1 |      | 2.1 |      | 2.1 | AOB        |
|       | 0.0 |      | 2.1 |      | 2.1 |      | 2.1 |      | 2.1 | Chargeable |

**CIN, COURSE TITLE:** M-102-6483, Helicopter Deceptive Electronic Countermeasures Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 3001 (FREST) VMAT-203  
**LOCATION, UIC:** MCAS Cherry Point, 45483

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 6   |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 6   |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 1.2 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 1.2 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**TRAINING ACTIVITY:** MTU 3001 NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Cherry Point, 45483

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 6   |      | 6   |      | 6   |      | 6   | ATIR       |
|       | 0   |      | 6   |      | 6   |      | 6   |      | 6   | Output     |
|       | 0.0 |      | 1.2 |      | 1.2 |      | 1.2 |      | 1.2 | AOB        |
|       | 0.0 |      | 1.2 |      | 1.2 |      | 1.2 |      | 1.2 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** M-601-3027, T-400/700 Engine First Degree Intermediate Maintenance

**TRAINING ACTIVITY:** HMT-303 FREST

**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 33  |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 33  |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 5.8 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 5.8 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**TRAINING ACTIVITY:** NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC                      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 36  |      | 34  |      | 34  |      | 34  | ATIR       |
|       | 0   |      | 36  |      | 34  |      | 34  |      | 34  | Output     |
|       | 0.0 |      | 6.3 |      | 6.0 |      | 6.0 |      | 6.0 | AOB        |
|       | 0.0 |      | 6.3 |      | 6.0 |      | 6.0 |      | 6.0 | Chargeable |

**SOURCE:** USMC                      **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 1   |      | 1   |      | 1   |      | 1   | ATIR       |
|       | 0   |      | 1   |      | 1   |      | 1   |      | 1   | Output     |
|       | 0.0 |      | 0.2 |      | 0.2 |      | 0.2 |      | 0.2 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** M-601-3090, Helicopter Dynamic Component Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 3001 (FREST) VMAT-203  
**LOCATION, UIC:** MCAS Cherry Point, 45483

**SOURCE:** USMC                    **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 6   |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 6   |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 0.6 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 0.6 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**TRAINING ACTIVITY:** MTU 3001 NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Cherry Point, 45483

**SOURCE:** USMC                    **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 6   |      | 6   |      | 6   |      | 6   | ATIR       |
|       | 0   |      | 6   |      | 6   |      | 6   |      | 6   | Output     |
|       | 0.0 |      | 0.6 |      | 0.6 |      | 0.6 |      | 0.6 | AOB        |
|       | 0.0 |      | 0.6 |      | 0.6 |      | 0.6 |      | 0.6 | Chargeable |

**CIN, COURSE TITLE:** D-602-4007, F-18 Hydraulic Components Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1039 NAMTRAU  
**LOCATION, UIC:** NAS Oceana, 66045

**SOURCE:** USMC                    **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 11  |      | 11  |      | 11  |      | 11  |      | 11  | ATIR       |
|       | 11  |      | 11  |      | 11  |      | 11  |      | 11  | Output     |
|       | 1.6 |      | 1.6 |      | 1.6 |      | 1.6 |      | 1.6 | AOB        |
|       | 1.6 |      | 1.6 |      | 1.6 |      | 1.6 |      | 1.6 | Chargeable |

**SOURCE:** USMC                    **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 1   |      | 0   |      | 0   |      | 1   |      | 0   | ATIR       |
|       | 1   |      | 0   |      | 0   |      | 1   |      | 0   | Output     |
|       | 0.1 |      | 0.0 |      | 0.0 |      | 0.1 |      | 0.0 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**CIN, COURSE TITLE:** E-602-4007, F-18 Hydraulic Components Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 1038 NAMTRAU  
**LOCATION, UIC:** NAS Lemoore, 66060

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 11  |      | 11  |      | 11  |      | 11  |      | 11  | ATIR       |
|       | 11  |      | 11  |      | 11  |      | 11  |      | 11  | Output     |
|       | 1.6 |      | 1.6 |      | 1.6 |      | 1.6 |      | 1.6 | AOB        |
|       | 1.6 |      | 1.6 |      | 1.6 |      | 1.6 |      | 1.6 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 1   |      | 0   |      | 0   |      | 1   |      | 0   | ATIR       |
|       | 1   |      | 0   |      | 0   |      | 1   |      | 0   | Output     |
|       | 0.1 |      | 0.0 |      | 0.0 |      | 0.1 |      | 0.0 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**CIN, COURSE TITLE:** M-602-5811, H-1 Aircraft Electrical Instrument. Automatic Flight Control System Equipment Intermediate Maintenance  
**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 11  |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 11  |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 2.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 2.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** NAMTRA MARUNIT  
**LOCATION, UIC:** MCAS Camp Pendleton, 55176

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 13  |      | 12  |      | 12  |      | 12  | ATIR       |
|       | 0   |      | 13  |      | 12  |      | 12  |      | 12  | Output     |
|       | 0.0 |      | 2.4 |      | 2.2 |      | 2.2 |      | 2.2 | AOB        |
|       | 0.0 |      | 2.4 |      | 2.2 |      | 2.2 |      | 2.2 | Chargeable |

**SOURCE:** USMC **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 0   |      | 1   |      | 0   |      | 1   | ATIR       |
|       | 0   |      | 0   |      | 1   |      | 0   |      | 1   | Output     |
|       | 0.0 |      | 0.0 |      | 0.2 |      | 0.0 |      | 0.2 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**CIN, COURSE TITLE:** M-646-7026, Aircraft Ordnance Technician Intermediate Maintenance  
**TRAINING ACTIVITY:** MTU 4034 (FREST) VMAT 203  
**LOCATION, UIC:** MCAS Cherry Point, 45483

**SOURCE:** USMC **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 33  |      | 0   |      | 0   |      | 0   |      | 0   | ATIR       |
|       | 33  |      | 0   |      | 0   |      | 0   |      | 0   | Output     |
|       | 7.1 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | AOB        |
|       | 7.1 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

**III.A.2.a. EXISTING COURSES**

**TRAINING ACTIVITY:** MTU 4034 NAMTRA MARUNIT

**LOCATION, UIC:** MCAS Cherry Point, 45483

**SOURCE:** USMC      **STUDENT CATEGORY:** USMC - AR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 33  |      | 33  |      | 33  |      | 33  | ATIR       |
|       | 0   |      | 33  |      | 33  |      | 33  |      | 33  | Output     |
|       | 0.0 |      | 7.1 |      | 7.1 |      | 7.1 |      | 7.1 | AOB        |
|       | 0.0 |      | 7.1 |      | 7.1 |      | 7.1 |      | 7.1 | Chargeable |

**SOURCE:** USMC      **STUDENT CATEGORY:** SMCR

| CFY01 |     | FY02 |     | FY03 |     | FY04 |     | FY05 |     |            |
|-------|-----|------|-----|------|-----|------|-----|------|-----|------------|
| OFF   | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL | OFF  | ENL |            |
|       | 0   |      | 1   |      | 1   |      | 1   |      | 1   | ATIR       |
|       | 0   |      | 1   |      | 1   |      | 1   |      | 1   | Output     |
|       | 0.0 |      | 0.2 |      | 0.2 |      | 0.2 |      | 0.2 | AOB        |
|       | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 |      | 0.0 | Chargeable |

## **PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS**

The following elements are not affected by the H-1 Upgrades Program (AH-1Z and UH-1Y), and, therefore, are not included in Part IV of this NTSP:

### IV.C. Facility Requirements

IV.C.1. Facility Requirements Summary (Space/Support) by Activity

IV.C.2. Facility Requirements Detailed by Activity and Course

IV.C.3. Facility Project Summary by Program

## PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

### IV.A. TRAINING HARDWARE

**Note:** Maintenance pipelines and courses have not been developed for AH-1Z and UH-1Y helicopters at this time. BHTI is contracted to develop or modify existing AH-1W and UH-1N courseware with the AH-1Z and UH-1Y curriculum. Updates to this NTSP will include the new CINs and course titles where applicable.

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**Note:** BHTI has recommended tools, test sets, and test equipment to support the AH-1Z and UH-1Y. This list is being generated through LSAR and reviewed by SEIPT, comprised of PMA276 and BHTI. An approved list will be included in updates to this NTSP. The following is a proposed list of training hardware:

| PART NUMBER     | SERD | NOMENCLATURE                                 |
|-----------------|------|--|
| 214-240-101     | 4049 | Locator, Bearing Hanger, Aft                 |
| 214-240-002-101 | 4048 | Locator, Bearing Hanger, Fwd                 |
| 38190-40010     | 4063 | Personality Module, Abe AH-1Z                |
| 449-201-001-101 | 4045 | Kit Assembly, Rig Pin                        |
| 449-201-002-101 | 4046 | Kit Assembly, Blade Fold Pin                 |
| 449-210-001-101 | 4031 | Sling Assembly, Aircraft Hoisting            |
| 449-210-002-101 | 4027 | Trailer Adapter, Rotor Hub                   |
| 449-210-003-101 | 4028 | Trailer Adapter, Swashplate                  |
| 449-210-004-101 | 4029 | Sling, Swashplate                            |
| 449-210-005-001 | 4030 | Holding Fixture, Swashplate                  |
| 449-210-008-101 | 4011 | Tool Set, MGB Mount                          |
| 449-210-009-101 | 4054 | Block, Tilt Ball                             |
| 449-210-010-101 | 4056 | Installation Tool Assembly, Actuator Fitting |
| 449-210-012-101 | 4059 | Sling, Hub and Blade                         |
| 449-210-015-101 | 4060 | Press, Bearing, Swashplate Support           |
| 449-212-001-101 | 4034 | Trailer Adapter, Tail Rotor                  |
| 449-212-003-101 | 4047 | Holding Tool, Coupling                       |
| 449-215-001-101 | 4032 | Trailer Adapter, Blade Set                   |
| 449-215-002-101 | 4036 | Bend Set, Blade Trim Tab                     |
| 449-230-001-101 | 4001 | Sling, Weapons Pylon                         |
| 449-230-002-101 | 4002 | Trailer Adapter, Weapons Pylon               |
| 449-230-003-101 | 4003 | Tiedown Ring Assembly                        |
| 449-240-003-101 | 4019 | Track Assembly, Gearbox Rem/Instl            |
| 449-240-005-101 | 4010 | Trailer Adapter, Main Gearbox                |
| 449-240-006-101 | 4012 | Adapter, Lifting Main Gearbox                |
| 449-240-013-101 | 4020 | Sling, Cobox                                 |
| 449-240-014-101 | 4021 | Sling, Tail Rotor Gearbox                    |
| 449-240-017-101 | 4051 | Adapter, Intermediate Gearbox                |
| 449-240-019-101 | 4061 | Tool Set, Gearbox                            |
| 449-240-020-101 | 4039 | Compression Tool                             |
| 449-250-001-101 | 4006 | Adapter Set, Boresight                       |
| 449-264-001-101 | 4055 | Cover, Maint, APU Intake                     |
| 449-266-001-101 | 4026 | De-Fuel Drain Line                           |
| 449-275-002-101 | 4024 | MLVS Cable                                   |

#### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

| <b>PART NUMBER</b> | <b>SERD</b> | <b>NOMENCLATURE</b>                 |
|--------------------|-------------|-------------------------------------|
| 449-310-105-101    | 4044        | Bladefold Racks, Main Rotor Blades  |
| 79705907-009       | 4041        | Adapter, TSS Turret                 |
| 8930897-0001       | 4042        | Helmet, Fitting Tool                |
| 8930898-0001       | 4043        | Eye Alignment Tool                  |
| 910-0003-1         | 4023        | Gearbox Drain Line                  |
| BCW-4300           | 4004        | Ground Handling Wheel, Fwd          |
| 449-210-018-101    | 4068        | Swashplate Fitting Fixture          |
| 449-210-019-101    | 4070        | Spacer, Pitch Change Adapter        |
| 449-212-005-101    | 4066        | Tool, Split Cone Removal            |
| 449-234-001-101    | 4071        | Sling, Tail Boom                    |
| 449-240-021-101    | 4067        | Holding Fixture, TGB                |
| 449-240-022-101    | 4073        | Coupling Cover Set, Main Driveshaft |
| 449-275-001-101    | 4065        | Electrical Repair Set               |
| 449-275-003-101    | 4064        | 1553 Test Cable                     |
| MS14531-2C32511    | 4069        | Pin, Seat Install                   |
| PD602              | 4074        | Torque Pack Assembly                |
| SLING-414          | 4075        | Sling, Universal                    |
| 449-010-133-102    | 4076        | Adapter, Mast Lift                  |

**IV.A.2. TRAINING DEVICES**

**DEVICE:** 2F136, AH-1W Weapon System Trainer  
**DESCRIPTION:** This device consists of two permanently installed, full-sized, domed replicas of the AH-1W Helicopter cockpit, one as a Pilot trainee station and the other as a Gunner-Copilot trainee station, and an IOS containing a host computer, a power supply, and associated peripherals. These stations may run independently or may be integrated when running concurrent missions. The trainee stations provide the students with the realistic cockpit environment that is necessary for effective training by utilizing aircraft, tactical, aural, and motion simulation. All controls and indicators that appear in the helicopter are provided in the WST. The performance of the aircraft systems, electronic equipment, instrument response, and control reactions are designed to simulate the actual AH-1W Helicopter operation on the ground, during takeoff, flight, and landing, including weapons delivery, communication, navigation, system malfunctions, threat environment, and appropriate countermeasures. The instructional system provides for an Instructor to control the training situation from either the IOS or Copilot position, using the auxiliary controls provided there. The AH-1W WST 2F136 just completed the Night Targeting System/Canopy Cockpit modification, COMM/NAV upgrade, Tactical Navigation System upgrade, computer rehost, new IOS and 28 Trainer Engineering Change requests. All AH-1W WST Devices will require modification to reflect the new equipment and systems of the AH-1Z Helicopter.

**MANUFACTURER:** CAE-Link Flight Simulation Division  
**CONTRACT NUMBER:** TBD (Modifications)  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** HMT-302 FREST  
**LOCATION, UIC :** MCAS New River, 55203

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>        |
|---------|---------------------|----------------------|---------------------|---------------|-------------------------------------|
| (AH-1W) | 1                   | Apr 93               | Apr 93              | Onboard       | AH-1 Refresher (Pilot Category III) |
| (AH-1Z) | 1                   | Mar 08               | TBD                 | Pending       | AH-1 Refresher Pilot (Category III) |

**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|---------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1W) | 1                   | Nov 92               | Nov 92              | Onboard       | AH-1 Basic and Transition Pilot (Category I and II)<br>AH-1 Conversion Pilot<br>AH-1 Refresher Pilot (Category III)<br>AH-1 FRS Instructor Pilot |
| (AH-1Z) | 2                   | Mar 08               | TBD                 | Pending       | AH-1 Basic and Transition Pilot (Category I and II)<br>AH-1 Conversion Pilot<br>AH-1 Refresher Pilot (Category III)<br>AH-1 FRS Instructor Pilot |

**IV.A.2. TRAINING DEVICES**

**DEVICE:** 2F161, UH-1N Weapon System Trainer  
**DESCRIPTION:** This device consists of a full-sized, domed replica of the UH-1N Helicopter cockpit as a trainee station, mounted on a full six-degree of freedom motion platform, and an IOS containing a host computer, a power supply, and associated peripherals. The trainee station simulates as closely as possible many functions of the UH-1N Helicopter and provides the students with the realistic cockpit environment that is necessary for effective training. The performance of the aircraft systems, electronic equipment, instrument response, and control reactions are designed to simulate the actual UH-1N Helicopter operation on the ground, during takeoff, flight, and landing, including weapons delivery, communication, navigation, system malfunctions, threat environment, and appropriate countermeasures. It includes a tactical environment simulation that allows the Aviators to interact with simulated threat environment and control friendly assets to accomplish their tactical missions. The instructional system provides for an Instructor to extensively control normal and abnormal aural cues under day, night, and dusk conditions and monitor the training situation. All UH-1N WST Devices will require modification to reflect the new equipment and systems of the UH-1Y Helicopter.

**MANUFACTURER:** Hughes Training, Inc.  
**CONTRACT NUMBER:** N61339-91-C-0059  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|---------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1W) | 1                   | Dec 94               | Dec 94              | Onboard       | UH-1 Basic and Transition Pilot (Category I and II)<br>UH-1 Conversion Pilot<br>UH-1 Refresher Pilot (Category III)<br>UH-1 Modified Refresher Pilot (Category IV)<br>UH-1 FRS Instructor Pilot<br>UH-1 Basic and Transition Crew Chief (Cat I and II) |
| II)     |                     |                      |                     |               | UH-1 Conversion Crew Chief<br>UH-1 Crew Chief Instructor   |
| (AH-1Z) | 1                   | Mar 08               | TBD                 | Pending       | UH-1 Basic and Transition Pilot (Category I and II)<br>UH-1 Conversion Pilot<br>UH-1 Refresher Pilot (Category III)<br>UH-1 Modified Refresher Pilot (Category IV)<br>UH-1 FRS Instructor Pilot<br>UH-1 Basic and Transition Crew Chief (Cat I and II) |
| II)     |                     |                      |                     |               | UH-1 Conversion Crew Chief<br>UH-1 Crew Chief Instructor   |

**IV.A.2. TRAINING DEVICES**

**DEVICE:** 2F170, AH-1W Aircrew Procedures Trainer  
**DESCRIPTION:** This device consists of a full-sized replica of the AH-1W Helicopter cockpit as a Pilot and Copilot trainee station, an IOS, and an ESIG 2000 Out-The-Window (OTW) visual system. The APT Device is housed in three mobile facilities and it is capable of rapid, same day, operational set-up and tear-down. The cockpit assembly includes full-sized active indicators, controls, lights, panels, gauges, and instruments located in the same relative position as in the actual aircraft. Power supplies, host computers, a control loading system, aural cueing, intercom system, and associated peripherals are located in the cockpit assembly. The IOS includes an Instructor desk, two chairs, two monitors, two keyboard-mouse assemblies, and a printer with stand. The IOS monitors are for starting the simulator system, controlling student training sessions, and monitoring corresponding student actions. The IOS printer is provided to obtain student records, session printouts, IOS dumps, and diagnostics. A unique feature of the device is the capability to run and control the simulation without an Instructor. The device can be controlled from either of the Crew stations via a trackball assembly and the IOS information is projected onto the right OTW screen. The device possess all the capabilities of the AH-1W WST, except for motion and simulated threat, and performs all functional checklists, including the weapon systems and emergency procedures, both airborne and on the ground. It is also qualified as an Instrument Flight Training device. All AH-1W APTs will require modification to reflect the new equipment and systems of the AH-1Z Helicopter.

**MANUFACTURER:** Manned Flight Simulator, NAWCAD Patuxent River  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**Note:** The first four AH-1Z Modified TDs will be delivered to MCAS Camp Pendleton to support transition training.

**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|---------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1W) | 1                   | Feb 95               | Sep 94              | Onboard       | AH-1 Basic and Transition Pilot (Category I and II)<br>AH-1 Conversion Pilot<br>AH-1 Refresher Pilot (Category III)<br>AH-1 FRS Instructor Pilot |
| (AH-1Z) | 2 (4)               | Mar 02               | TBD                 | Pending       | AH-1 Basic and Transition Pilot (Category I and II)<br>AH-1 Conversion Pilot<br>AH-1 Refresher Pilot (Category III)<br>AH-1 FRS Instructor Pilot |

**TRAINING ACTIVITY:** HMT-302 FRS  
**LOCATION, UIC :** MCAS New River, 55203

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>        |
|---------|---------------------|----------------------|---------------------|---------------|-------------------------------------|
| (AH-1W) | 1                   | Jun 96               | Jun 96              | Onboard       | AH-1 Refresher (Pilot Category III) |
| (AH-1Z) | 1                   | Mar 04               | TBD                 | Pending       | AH-1 Refresher Pilot (Category III) |

**IV.A.2. TRAINING DEVICES**

**TRAINING ACTIVITY:** 1<sup>ST</sup> MAW, MAG-36  
**LOCATION, UIC :** MCAS Okinawa, Futenma, Japan, 57079

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>        |
|---------|---------------------|----------------------|---------------------|---------------|-------------------------------------|
| (AH-1Z) | 1                   | Jan 07               | TBD                 | Pending       | AH-1 Refresher Pilot (Category III) |

**TRAINING ACTIVITY:** 4<sup>TH</sup> MAW, HML/A 773  
**LOCATION, UIC :** NAS Atlanta, 61915

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>        |
|---------|---------------------|----------------------|---------------------|---------------|-------------------------------------|
| (AH-1W) | 1                   | Jan 97               | Jan 97              | Onboard       | AH-1 Refresher (Pilot Category III) |
| (AH-1Z) | 1                   | Jan 07               | TBD                 | Pending       | AH-1 Refresher Pilot (Category III) |

**TRAINING ACTIVITY:** 4<sup>TH</sup> MAW, HML/A-775 Det A  
**LOCATION, UIC :** MCAS Belle Chasse, 45238

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>        |
|---------|---------------------|----------------------|---------------------|---------------|-------------------------------------|
| (AH-1W) | 1                   | Jan 97               | Jan 97              | Onboard       | AH-1 Refresher (Pilot Category III) |
| (AH-1Z) | 1                   | Jan 07               | TBD                 | Pending       | AH-1 Refresher Pilot (Category III) |

**TRAINING ACTIVITY:** 4<sup>TH</sup> MAW, HML/A-773 Det A  
**LOCATION, UIC :** NAS Johnstown, 67829

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>        |
|---------|---------------------|----------------------|---------------------|---------------|-------------------------------------|
| (AH-1Z) | 1                   | Jan 07               | TBD                 | Pending       | AH-1 Refresher Pilot (Category III) |

**IV.A.2. TRAINING DEVICES**

**DEVICE:** 2F175, UH-1N Aircrew Procedures Trainer  
**DESCRIPTION:** This device consists of a full-sized replica of the UH-1N Helicopter cockpit as a trainee station, an IOS, and an OTW visual system. The APT Device is housed in two mobile facilities and is transportable by truck, rail, ship, and air can transport. The APT 2F175 is capable of rapid, same day, operational set-up and tear-down. Power supplies, host computers, a control loading system, aural cueing, intercom system, and associated peripherals are housed within the cockpit assembly that includes full-sized active indicators, controls, lights, panels, gauges, and instruments located in the same relative position as in the actual aircraft. The APT Device possess all the capabilities of the UH-1N WST, except for motion and simulated threat, and performs all functional checklists, including the weapon systems and emergency procedures, both airborne and on the ground. The IOS monitors are for starting the simulator system, controlling student training sessions, and monitoring corresponding student actions. The IOS printer is provided to obtain student records, session printouts, IOS dumps, and diagnostics. The APT Device can be operated by a minimum of one Pilot at either of the two Crew stations, or by a maximum of two Pilots in the Crew stations, and one Instructor at the ISO. All UH-1N APT Devices will require modification to reflect the new equipment and systems of the UH-Y Helicopter.

**MANUFACTURER:** Manned Flight Simulator, NAWCAD Patuxent River  
**CONTRACT NUMBER:** TBD (Modifications)  
**TEE STATUS:** TBD

**Note:** The first four UH-1Y Modified TDs will be delivered to MCAS Camp Pendleton to support transition training.

**TRAINING ACTIVITY:** HMT-303 FRS  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|---------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1W) | 1                   | Dec 94               | Dec 94              | Onboard       | UH-1 Basic and Transition Pilot (Category I and II)<br>UH-1 Conversion Pilot<br>UH-1 Refresher Pilot (Category III)<br>UH-1 Modified Refresher Pilot (Category IV)<br>UH-1 FRS Instructor Pilot<br>UH-1 Basic and Transition Crew Chief (Cat I and II)<br>UH-1 Conversion Crew Chief<br>UH-1 Crew Chief Instructor |
| (AH-1Z) | 1 (4)               | Mar 04               | TBD                 | Pending       | UH-1 Basic and Transition Pilot (Category I and II)<br>UH-1 Conversion Pilot<br>UH-1 Refresher Pilot (Category III)<br>UH-1 Modified Refresher Pilot (Category IV)<br>UH-1 FRS Instructor Pilot<br>UH-1 Basic and Transition Crew Chief (Cat I and II)<br>UH-1 Conversion Crew Chief<br>UH-1 Crew Chief Instructor |

**IV.A.2. TRAINING DEVICES**

**TRAINING ACTIVITY:** HMT-302 FRS  
**LOCATION, UIC :** MCAS New River, 55203

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|---------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1Z) | 2                   | Mar 04               | TBD                 | Pending       | UH-1 Refresher Pilot (Category III)<br>UH-1 Modified Refresher Pilot (Category IV)<br>UH-1 Conversion Crew Chief |

**TRAINING ACTIVITY:** 1<sup>ST</sup> MAW, MAG-36  
**LOCATION, UIC :** MCAS Okinawa, Futenma, Japan, 57079

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|---------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1Z) | 1                   | Mar 04               | TBD                 | Pending       | UH-1 Refresher Pilot (Category III)<br>UH-1 Modified Refresher Pilot (Category IV)<br>UH-1 Conversion Crew Chief |

**TRAINING ACTIVITY:** 4<sup>TH</sup> MAW, HML/A 773  
**LOCATION, UIC :** NAS Atlanta, 61915

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|---------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1Z) | 1                   | Mar 04               | TBD                 | Pending       | UH-1 Refresher Pilot (Category III)<br>UH-1 Modified Refresher Pilot (Category IV)<br>UH-1 Conversion Crew Chief |

**TRAINING ACTIVITY:** 4<sup>TH</sup> MAW, HML/A-775 Det A  
**LOCATION, UIC :** MCAS Belle Chasse, 45238

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|---------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1Z) | 1                   | Mar 04               | TBD                 | Pending       | UH-1 Refresher Pilot (Category III)<br>UH-1 Modified Refresher Pilot (Category IV)<br>UH-1 Conversion Crew Chief |

**TRAINING ACTIVITY:** 4<sup>TH</sup> MAW, HML/A-773 Det A  
**LOCATION, UIC :** NAS Johnstown, 67829

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|---------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1Z) | 1                   | Mar 04               | TBD                 | Pending       | UH-1 Refresher Pilot (Category III)<br>UH-1 Modified Refresher Pilot (Category IV)<br>UH-1 Conversion Crew Chief |

**IV.A.2. TRAINING DEVICES**

**DEVICE:** 410101 and 111101, AH-1W Composite Maintenance Trainer  
**DESCRIPTION:** This device consists of a complete, full-sized AH-1W Helicopter with stubbed rotor blades as a trainee station, an IOS containing a host computer, a power supply, and associated peripherals. The CMT provides system maintenance training for structure, power plants, power trains, hydraulics, and flight control systems. The safety features of the CMT allow realistic training in a controlled and safe environment. AH-1Z and UH-1Y Engineering Manufacturing and Development aircraft will be transferred to the FREST starting in FY04, and replace the existing AH-1W CMTs. The new AH-1W CMTs will receive production upgrades and trainer unique modifications to include an independent power supply, safety stops, and an IOS with computerized fault insertion. At this time one AH-1W CMT will continue to support AH-1W (two-bladed rotor system) as long as required and will be disposed of when AH-1W requirements are complete.

**MANUFACTURER:** Bell Helicopter Textron, Inc.  
**CONTRACT NUMBER:** TBD (Modifications)  
**TEE STATUS:** TBD

**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

|         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|---------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1W) | 1                   | Sep 94               | Sep 94              | Onboard       | C-102-9354 (Track M-102-2024)<br>C-198-9351 (Track M-102-2024)<br>C-104-3351 (Track M-102-2024)<br>C-601-9351 (Track M-601-2014)<br>C-600-9363 (Track M-602-2081)<br>C-602-3342 (Track M-602-5811)<br>C-602-3358 (Track M-602-5811)<br>C-646-3846 (Track M-602-5811)<br>C-646-3362 (Track M-602-5811)<br>C-646-3363 (Track M-646-2044)   |
| (AH-1Z) | 2                   | Mar 05               | TBD                 | Pending       | C-102-9354 (Track M-102-2024)<br>C-198-9351 (Track M-102-2024)<br>C-104-3351 (Track M-102-2024)<br>C-601-9351 (Track M-601-2014)<br>C-600-9363 (Track M-602-2081)<br>C-602-3342 (Track M-602-5811)<br>C-602-3358 (Track M-602-5811)<br>C-646-3846 (Track M-602-5811)<br>C-646-3362 (Track M-602-5811)<br>C-646-3363 (Track M-646-2044)<br>C-601-3137 (Track M-601-3027)<br>C-601-9361 (Track M-601-2014) |

**IV.A.2. TRAINING DEVICES**

**DEVICE:** 110201 and 310101, UH-1N Composite Maintenance Trainer  
**DESCRIPTION:** This device consists of a complete, full-sized UH-1N Helicopter with stubbed rotor blades as a trainee station, an IOS containing a host computer, a power supply, and associated peripherals. The CMT provides system maintenance training for structure, power plants, power trains, hydraulics, and flight control systems. The safety features of the CMT allow realistic training in a controlled and safe environment. AH-1Z and UH-1Y Engineering Manufacturing and Development aircraft will be transferred to the FREST starting in FY04, and replace the existing UH-1N CMTs. The new UH-1N CMTs will receive production upgrades and trainer unique modifications to include an independent power supply, safety stops, and an IOS with computerized fault insertion.

**MANUFACTURER:** Bell Helicopter Textron, Inc.  
**CONTRACT NUMBER:** TBD  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

|     |         | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|-----|---------|---------------------|----------------------|---------------------|---------------|--|
| II) | (UH-1N) | 1                   | Sep 94               | Sep 94              | Onboard       | UH-1 Basic and Transition Crew Chief (Cat I and<br><br>UH-1 Conversion Crew Chief<br>UH-1 Crew Chief Instructor<br>C-600-9363 (Track M-602-2081)<br>C-601-9351 (Track M-601-2014)<br>C-602-9360 (Track M-102-2024)<br>C-646-3341 (Track M-646-2044)  |
| II) | (UH-1Y) | 1                   | Mar 06               | TBD                 | Pending       | UH-1 Basic and Transition Crew Chief (Cat I and<br><br>UH-1 Conversion Crew Chief<br>UH-1 Crew Chief Instructor<br>C-600-9363 (Track M-602-2081)<br>C-601-9351 (Track M-601-2014)<br>C-602-9360 (Track M-102-2024)<br>C-646-3341 (Track M-646-2044)<br>C-601-3137 (Track M-601-3027)<br>C-601-9361 (Track M-601-2014)<br>C-600-9363 (Track M-602-2081)<br>C-602-3342 (Track M-602-5811)<br>C-602-3358 (Track M-602-5811)<br>C-646-3846 (Track M-602-5811)<br>C-646-3362 (Track M-602-5811)<br>C-646-3363 (Track M-646-2044)<br>C-646-3341 (Track M-646-2044) |

**IV.A.2. TRAINING DEVICES**

**DEVICE:** AH-1Z/UH-1Y Modified Composite Maintenance Trainer (MCMT)  
**DESCRIPTION:** This device consists of a full-sized AH-1W Helicopter with stubbed rotor blades and the systems from a UH-1N Avionics Trainer (AVT) as a trainee station, an IOS containing a host computer, individual power supplies, and associated peripherals. Although this suite is one device, it is considered a full UH-1Y CMT and a half AH-1Z CMT. The MCMT provides system maintenance training for structure, power plants, power trains, hydraulics, and flight control systems for both AH-1Z and UH-1Y Helicopters. Computerized fault insertion and the safety features of the MCMT allow realistic training in a controlled and safe environment.

**MANUFACTURER:** Bell Helicopter Textron, Inc.  
**CONTRACT NUMBER:** TBD (Modifications)  
**TEE STATUS:** TBD

**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

|             | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|-------------|---------------------|----------------------|---------------------|---------------|--|
| (AH-1Z)     | 1                   | Mar 03               | TBD                 | Pending       | C-102-9354 (Track M-102-2024)<br>C-198-9351 (Track M-102-2024)<br>C-104-3351 (Track M-102-2024)<br>C-601-9351 (Track M-601-2014)<br>C-600-9363 (Track M-602-2081)<br>C-602-3342 (Track M-602-5811)<br>C-602-3358 (Track M-602-5811)<br>C-646-3846 (Track M-602-5811)<br>C-646-3362 (Track M-602-5811)<br>C-646-3363 (Track M-646-2044)   |
| II) (UH-1Y) | 1                   | Mar 03               | TBD                 | Pending       | UH-1 Basic and Transition Crew Chief (Cat I and<br>UH-1 Conversion Crew Chief<br>UH-1 Crew Chief Instructor<br>C-600-9363 (Track M-602-2081)<br>C-601-9351 (Track M-601-2014)<br>C-602-9360 (Track M-102-2024)<br>C-646-3341 (Track M-646-2044)<br>C-601-3137 (Track M-601-3027)<br>C-601-9361 (Track M-601-2014)<br>C-602-3342 (Track M-602-5811)<br>C-602-3358 (Track M-602-5811)<br>C-646-3846 (Track M-602-5811)<br>C-646-3362 (Track M-602-5811)<br>C-646-3363 (Track M-646-2044) |

**IV.A.2. TRAINING DEVICES**

**DEVICE:** 222101, AH 1W Engine Remove/Replace Trainer  
**DESCRIPTION:** This device consists of a skeleton AH-1W Aircraft as a trainee station that facilitates the removal and replacement of AH-1W engine, powertrain, combining gearboxes, transmission, main-rotor mast, tail-rotor driveshaft, and tail-rotor systems maintenance. At the current time there are no plans to modify the AH-1W ERRT to the AH-1Z configuration. AH-1Z and UH-1Y CMTs and MCMTs will be utilized for training. The AH-1W ERRT will continue to support AH-1W (two-bladed rotor system) training as long as required and will be disposed of when AH-1W requirements are complete.

**MANUFACTURER:** Mainflight Simulator, Inc.  
**CONTRACT NUMBER:** NA  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

| QTY REQD | DATE REQD | RFT DATE | STATUS  | COURSES SUPPORTED  |
|----------|-----------|----------|---------|--|
| 1        | Feb 95    | Nov 95   | Onboard | C-601-3137 (Track M-601-3027)<br>C-601-9361 (Track M-601-2014)<br>C-600-9363 (Track M-602-2081)<br>C-602-3342 (Track M-602-5811) |

**DEVICE:** 142401, UH-1N Avionics Trainer  
**DESCRIPTION:** This device consists of a complete, full-sized UH-1N Helicopter with stubbed rotor blades as a trainee station, an IOS containing a host computer, a power supply, and associated peripherals. The AVT provides avionics maintenance training for intercommunication, control display navigation, cockpit control, aircraft survivability, and aircraft identification systems. At the current time there are no plans to modify the AVT to the UH-1Y configuration. The UH-1Y CMT and MCMT will be utilized for training. The AVT will continue to support UH-1N (two-bladed rotor system) training as long as required and will be disposed of when UH-1N requirements are complete.

**MANUFACTURER:** E-Systems, Inc.  
**CONTRACT NUMBER:** TBD  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

| QTY REQD         | DATE REQD | RFT DATE | STATUS  | COURSES SUPPORTED   |
|------------------|-----------|----------|---------|---|
| (UH-1N)<br>II) 1 | Jan 98    | Jan 98   | Pending | UH-1 Basic and Transition Crew Chief (Cat I and<br>UH-1 Conversion Crew Chief<br>UH-1 Crew Chief Instructor<br>C-600-9363 (Track M-602-2081)<br>C-102-9354 (Track M-102-2024)<br>C-602-9360 (Track M-102-2024)<br>C-602-3358 (Track M-602-5811) |

**IV.A.2. TRAINING DEVICES**

**DEVICE:** 142301, UH-1N Electrical/Armament Trainer  
**DESCRIPTION:** This device consists of a full-sized skeleton UH-1N Helicopter without tailboom, power plant, or power train as a trainee station, an IOS containing a host computer, a power supply, and associated peripherals. The EAT is equipped with all electrical systems and defense armament systems. The EAT provides maintenance training for COMM/NAV systems, instrument/automatic flight control systems, and armament systems. The safety features of the EAT allow realistic training in a controlled and safe environment. At the current time there are no plans to modify the EAT to the UH-1Y configuration. The UH-1Y CMT and MCMT will be utilized for training. The EAT will continue to support UH-1N (two-bladed rotor system) training as long as required and will be disposed of when UH-1N requirements are complete.

**MANUFACTURER:** Bell Helicopter Textron, Inc.  
**CONTRACT NUMBER:** TBD (Modifications)  
**TEE STATUS:** NA

**TRAINING ACTIVITY:** HMT-303 FREST  
**LOCATION, UIC :** MCAS Camp Pendleton, 55176

|             | <b>QTY<br/>REQD</b> | <b>DATE<br/>REQD</b> | <b>RFT<br/>DATE</b> | <b>STATUS</b> | <b>COURSES<br/>SUPPORTED</b>   |
|-------------|---------------------|----------------------|---------------------|---------------|--|
| II) (UH-1N) | 1                   | Feb 95               | Feb 95              | Onboard       | UH-1 Basic and Transition Crew Chief (Cat I and<br>UH-1 Conversion Crew Chief<br>UH-1 Crew Chief Instructor<br>C-602-9360 (Track M-102-2024)<br>C-602-3342 (Track M-602-5811)<br>C-602-3358 (Track M-602-5811)<br>C-646-3846 (Track M-602-5811)<br>C-646-3362 (Track M-602-5811)<br>C-646-3363 (Track M-646-2044)<br>C-646-3341 (Track M-646-2044) |

#### IV.B. COURSEWARE REQUIREMENTS

##### IV.B.1. TRAINING SERVICES

| <b>COURSE / TYPE OF TRAINING</b>  | <b>SCHOOL<br/>LOCATION, UIC</b>           | <b>NO. OF<br/>PERSONNEL</b> | <b>MAN WEEKS<br/>REQUIRED</b> | <b>DATE<br/>BEGIN</b> |
|---|---|-----------------------------|-------------------------------|-----------------------|
| AH-1Z and UH-1Y Pilot Training  | NRWATS Patuxent River, Maryland,<br>39784 | 8                           | 11.6                          | May 03                |
| H-1 Airframes Hydraulic Systems Integrated<br>Organizational Maintenance                | NRWATS Patuxent River, Maryland,<br>39784 | 8                           | 2.8                           | May 03                |
| H-1 Airframes Systems Integrated<br>Organizational Maintenance                          | NRWATS Patuxent River, Maryland,<br>39784 | 8                           | 2.8                           | May 03                |
| H-1 Armament Systems Organizational<br>Maintenance                                      | NRWATS Patuxent River, Maryland,<br>39784 | 8                           | 2                             | May 03                |
| H-1 Communication/Navigation Identification<br>and Related Organizational Maintenance   | NRWATS Patuxent River, Maryland,<br>39784 | 8                           | 3.6                           | May 03                |
| H-1 Electrical and Automatic Flight Control<br>Systems Organizational Maintenance       | NRWATS Patuxent River, Maryland,<br>39784 | 8                           | 5.2                           | May 03                |
| H-1 Fire Control Organizational Maintenance   | NRWATS Patuxent River, Maryland,<br>39784 | 8                           | 3.6                           | May 03                |
| H-1 Power Trains, Rotors and Related Sys-<br>tems Integrated Organizational Maintenance | NRWATS Patuxent River, Maryland,<br>39784 | 8                           | 8.8                           | May 03                |

#### **IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS**

**Note:** Curricula Materials and Training Aids for AH-1Z and UH-1Y has not been established at this time. Updates to this NTSP will include the new Curricula Materials and Training Aids requirements for each applicable course.

### IV.B.3. TECHNICAL MANUALS

**Note:** Technical Manuals for AH-1Z and UH-1Y are being developed by BHTI. The following is a list of the proposed manuals:

#### Reference Manuals AH-1Z Aircraft

|                     |   |
|---------------------|---|
| NA01-H1AAD-1        | NATOPS Flight Manual  |
| NA01-H1AAD-1B       | NATOPS Pilot Pocket Checklist                                 |
| NA01-H1AAD-1F       | NATOPS Functional Checkflight List                            |
| NA01-H1AAD-2-1      | Helicopter General Information                                |
| NA01-H1AAD-2-2      | Airframe and Landing Gear                                     |
| NA01-H1AAD-2-3.1    | Power Plant and Related Systems - Principles of Operation     |
| NA01-H1AAD-2-3.2    | Power Plant and Related Systems - Testing and Troubleshooting |
| NA01-H1AAD-2-3.3    | Power Plant and Related Systems - Maintenance Procedures      |
| NA01-H1AAD-2-4      | Drive System  |
| NA01-H1AAD-2-5      | Flight Control Systems  |
| NA01-H1AAD-2-6      | Main Rotor System   |
| NA01-H1AAD-2-7      | Tail Rotor System   |
| NA01-H1AAD-2-8      | Hydraulic Systems   |
| NA01-H1AAD-2-9      | Utility Systems   |
| NA01-H1AAD-2-10.1   | Instrument Systems - Principles of Operation                  |
| NA01-H1AAD-2-10.2   | Instrument Systems - Testing and Troubleshooting              |
| NA01-H1AAD-2-10.3   | Instrument Systems - Maintenance Procedures                   |
| NA01-H1AAD-2-11.1   | Electrical Systems - Principles of Operation                  |
| NA01-H1AAD-2-11.2.1 | Electrical Systems - Testing and Troubleshooting              |
| NA01-H1AAD-2-11.2.2 | Electrical Systems - Testing and Troubleshooting              |
| NA01-H1AAD-2-11.2.3 | Electrical Systems - Testing and Troubleshooting              |
| NA01-H1AAD-2-11.3   | Electrical Systems - Maintenance Procedures                   |
| NA01-H1AAD-2-12.1   | Armament Systems - Principles of Operation                    |
| NA01-H1AAD-2-12.2.1 | Armament Systems - Testing and Troubleshooting                |
| NA01-H1AAD-2-12.2.2 | Armament Systems - Testing and Troubleshooting                |
| NA01-H1AAD-2-12.2.3 | Armament Systems - Testing and Troubleshooting                |
| NA01-H1AAD-2-12.2.4 | Armament Systems - Testing and Troubleshooting                |
| NA01-H1AAD-2-12.3   | Armament Systems - Maintenance Procedures                     |
| NA01-H1AAD-2-13     | Stability Control Augmentation System                         |
| NA01-H1AAD-2-14.1   | Avionics Systems - Principles of Operation                    |
| NA01-H1AAD-2-14.2   | Avionics Systems - Testing and Troubleshooting                |
| NA01-H1AAD-2-14.3   | Avionics Systems - Maintenance Procedures                     |
| NA01-H1AAD-2-15.1   | AH-1Z Wiring Lists  |
| NA01-H1AAD-2-15.2   | AH-1Z Wiring Lists  |
| NA01-H1AAD-2-15.3   | AH-1Z Wiring Lists  |
| NA01-H1AAD-2-16     | Conditional Inspection Requirements                           |
| NA01-H1AAD-4        | Illustrated Parts Breakdown                                   |
| NA01-H1AAD-6        | Periodic Maintenance Information Cards                        |
| NA01-H1AAD-6.1      | Turnaround Checklist  |
| NA01-H1AAD-6.2      | Daily Maintenance Requirements Cards                          |
| NA01-H1AAD-6.3      | Servicing/Special/Preservation Maintenance Requirements Cards |
| NA01-H1AAD-6.4      | Phased Maintenance Requirements Cards                         |

### IV.B.3. TECHNICAL MANUALS

#### Reference Manuals UH-1Y Aircraft

|                      |   |
|----------------------|---|
| NA01-110HCG-1        | NATOPS Flight Manual  |
| NA01-110HCG-1B       | NATOPS Pilot Pocket Checklist                                 |
| NA01-110HCG-1C       | NATOPS Crewmember Checklist                                   |
| NA01-110HCG-1F       | NATOPS Functional Checkflight List                            |
| NA01-110HCG-2-1      | Helicopter General Information                                |
| NA01-110HCG-2-2      | Airframe and Landing Gear                                     |
| NA01-110HCG-2-3.1    | Power Plant and Related Systems - Principles of Operation     |
| NA01-110HCG-2-3.2    | Power Plant and Related Systems - Testing and Troubleshooting |
| NA01-110HCG-2-3.3    | Power Plant and Related Systems - Maintenance Procedures      |
| NA01-110HCG-2-4      | Drive System  |
| NA01-110HCG-2-5      | Flight Control Systems  |
| NA01-110HCG-2-6      | Main Rotor System   |
| NA01-110HCG-2-7      | Tail Rotor System   |
| NA01-110HCG-2-8      | Hydraulic Systems   |
| NA01-110HCG-2-9      | Utility Systems   |
| NA01-110HCG-2-10.1   | Instrument Systems - Principles of Operation                  |
| NA01-110HCG-2-10.2   | Instrument Systems - Testing and Troubleshooting              |
| NA01-110HCG-2-10.3   | Instrument Systems - Maintenance Procedures                   |
| NA01-110HCG-2-11.1   | Electrical Systems - Principles of Operation                  |
| NA01-110HCG-2-11.2.1 | Electrical Systems - Testing and Troubleshooting              |
| NA01-110HCG-2-11.2.2 | Electrical Systems - Testing and Troubleshooting              |
| NA01-110HCG-2-11.2.3 | Electrical Systems - Testing and Troubleshooting              |
| NA01-110HCG-2-11.3   | Electrical Systems - Maintenance Procedures                   |
| NA01-110HCG-2-12.1   | Armament Systems - Principles of Operation                    |
| NA01-110HCG-2-12.2.1 | Armament Systems - Testing and Troubleshooting                |
| NA01-110HCG-2-12.2.2 | Armament Systems - Testing and Troubleshooting                |
| NA01-110HCG-2-12.2.3 | Armament Systems - Testing and Troubleshooting                |
| NA01-110HCG-2-12.2.4 | Armament Systems - Testing and Troubleshooting                |
| NA01-110HCG-2-12.3   | Armament Systems - Maintenance Procedures                     |
| NA01-110HCG-2-13     | Stability Control Augmentation System                         |
| NA01-110HCG-2-14.1   | Avionics Systems - Principles of Operation                    |
| NA01-110HCG-2-14.2   | Avionics Systems - Testing and Troubleshooting                |
| NA01-110HCG-2-14.3   | Avionics Systems - Maintenance Procedures                     |
| NA01-110HCG-2-15.1   | UH-1Y Wiring Lists  |
| NA01-110HCG-2-15.2   | UH-1Y Wiring Lists  |
| NA01-110HCG-2-15.3   | UH-1Y Wiring Lists  |
| NA01-110HCG-2-16     | Conditional Inspection Requirements                           |
| NA01-110HCG-4        | Illustrated Parts Breakdown                                   |
| NA01-110HCG-6        | Periodic Maintenance Information Cards                        |
| NA01-110HCG-6.1      | Turnaround Checklist  |
| NA01-110HCG-6.2      | Daily Maintenance Requirements Cards                          |
| NA01-110HCG-6.3      | Servicing/Special/Preservation Maintenance Requirements Cards |
| NA01-110HCG-6.4      | Phased Maintenance Requirements Cards                         |

**PART V - MPT MILESTONES**

| <b>COG CODE</b> | <b>MPT MILESTONES</b>   | <b>DATE</b> | <b>STATUS</b> |
|-----------------|---|-------------|---------------|
| PDA             | Conducted Analysis of MPT Requirements                        | Dec 95      | Completed     |
| PDA             | Awarded AH-1Z and UH-1Y EMD Contract                          | FY97        | Completed     |
| TSA             | Distributed Updated H-1 Upgrades NTSP for Review              | Jun 01      | Completed     |
| OPTEVFOR        | Begin Bell and Rotorwing AH-1Z and UH-1Y IT&E and EMD Testing | FY03        | In Progress   |
| TSA             | Developed Proposed H-1 Upgrades NTSP                          | Oct 01      | Completed     |
| OPTEVFOR        | Begin AH-1Z and UH-1Y OPEVAL                                  | FY04        | Pending       |
| TSA             | Begin AH-1Z and UH-1Y Initial Training                        | FY04        | Pending       |
| TSA             | Deliver AH-1Z and UH-1Y Curricula Materials                   | FY04        | Pending       |
| PDA             | Deliver AH-1Z and UH-1Y to Fleet                              | FY06        | Pending       |
| TSA             | Begin AH-1Z and UH-1Y Follow-On Training                      | FY06        | Pending       |
| TSA             | Deliver AH-1Z and UH-1Y Training Devices                      | FY06        | Pending       |
| PDA             | Achieve AH-1Z and UH-1Y MSD                                   | FY08        | Pending       |

**PART VI - DECISION ITEMS / ACTION REQUIRED**

**DECISION ITEM OR  
ACTION REQUIRED**

**COMMAND ACTION**

**DUE DATE**

**STATUS**

None

PART VII - POINTS OF CONTACT

| NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL   | TELEPHONE NUMBERS   |
|---|---|
| <b>CAPT Owen Fletcher, USN</b><br>Head, Plans, Policy, and Fleet Maintenance Support<br>CNO, N781B<br>fletcher.owen@hq.navy.mil   | <b>COMM:</b> (703) 604-7747<br><b>DSN:</b> 664-7747<br><b>FAX:</b> (703) 604-6972 |
| <b>CDR Wanda Janus</b><br>Resource Sponsor / Program Sponsor<br>CNO, N785D1<br>janus.wanda@hq.navy.mil                            | <b>COMM:</b> (703) 697-9359<br><b>DSN:</b> 227-9359<br><b>FAX:</b> (703) 695-7103 |
| <b>CAPT Terry Merritt, USN</b><br>Head, Aviation Technical Training Branch<br>CNO, N789H<br>merritt.terry@hq.navy.mil             | <b>COMM:</b> (703) 604-7730<br><b>DSN:</b> 664-7730<br><b>FAX:</b> (703) 604-6939 |
| <b>AZCS Gary Greenlee</b><br>NTSP Manager<br>CNO, N789H1A<br>greenlee.gary@hq.navy.mil  | <b>COMM:</b> (703) 604-7743<br><b>DSN:</b> 664-7743<br><b>FAX:</b> (703) 604-6939 |
| <b>CDR Kevin Neary</b><br>Aviation Manpower<br>CNO, N122C1<br>n122c1@bupers.navy.mil  | <b>COMM:</b> (703) 695-3247<br><b>DSN:</b> 225-3247<br><b>FAX:</b> (703) 614-5308 |
| <b>Mr. Robert Zweibel</b><br>Training Technology Policy<br>CNO, N795K<br>zweibel.robert@hq.navy.mil                               | <b>COMM:</b> (703) 602-5151<br><b>DSN:</b> 332-5151<br><b>FAX:</b> (703) 602-5175 |
| <b>MAJ David Ashby, USMC</b><br>H-1 Upgrade Resource Sponsor<br>CNO, N780F4<br>ashby.david@hq.navy.mil                            | <b>COMM:</b> (703) 695-5418<br><b>DSN:</b> 225-5418<br><b>FAX:</b> (703) 614-7047 |
| <b>COL David Barraclough, USMC</b><br>Branch Head, USMC Aviation Manpower Management<br>CMC, ASM-1<br>barracloughdl@hqmc.usmc.mil | <b>COMM:</b> (703) 614-1244<br><b>DSN:</b> 224-1244<br><b>FAX:</b> (703) 614-1309 |
| <b>LTCOL Angela Clingman, USMC</b><br>USMC Aircraft Maintenance Officer<br>CMC, ASL-33<br>clingmanab@hqmc.usmc.mil                | <b>COMM:</b> (703) 614-1187<br><b>DSN:</b> 224-1187<br><b>FAX:</b> (703) 697-7343 |
| <b>MAJ Lloyd Wright, USMC</b><br>Marine Corps Program Sponsor<br>CMC, APW-53<br>wrightla@hqmc.usmc.mil                            | <b>COMM:</b> (703) 614-1729<br><b>DSN:</b> 224-1729<br><b>FAX:</b> (703) 614-2318 |

PART VII - POINTS OF CONTACT

| NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL   | TELEPHONE NUMBERS   |
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